

# Florida Agricultural Statistics

## Vegetable Summary 1999-2000





Florida Department of Agriculture and Consumer Services  
TERRY L. RHODES, Commissioner  
The Capitol . Tallahassee, FL 32399-0800



Dear Friend:

Information included in this publication will provide a foundation for making sound production, marketing and policy decisions, which will ultimately affect Florida agriculture. Informed decision making is needed at all levels to ensure a viable and productive future for our agricultural industries. It also helps assure consumers of adequate food supplies and price stabilization.

Agriculture is a vital \$7 billion a year industry in Florida's economy. Domestic and foreign production is an increasing source of competition for our state's producers. The \$1.5 billion fruit and vegetable component of Florida's agriculture must maintain high productivity and efficiency levels to meet these challenges.

These statistics in this publication were compiled through the cooperation of the Florida Department of Agriculture and Consumer Services. This and other timely publications would not be possible without the assistance of hundreds of producers who voluntarily contributed their time to accumulate and provide us with the basic data from which these official estimates were prepared. I extend my sincere appreciation to all who have participated in these important efforts.

Sincerely,

A stylized, handwritten signature of Terry L. Rhodes in black ink.

TERRY L. RHODES  
COMMISSIONER OF AGRICULTURE

# FLORIDA AGRICULTURAL STATISTICS

## *Vegetable Summary*

**FLORIDA DEPARTMENT OF AGRICULTURE  
AND CONSUMER SERVICES  
TERRY L. RHODES, COMMISSIONER  
TALLAHASSEE, FLORIDA**

FLORIDA AGRICULTURAL  
STATISTICS SERVICE  
Orlando, Florida  
John D. Witzig, State Statistician

DIVISION OF MARKETING  
AND DEVELOPMENT  
Tallahassee, Florida  
Nelson L. Pugh, Director

FLORIDA AGRICULTURAL STATISTICS SERVICE  
P.O. Box 530105  
1222 Woodward Street  
Orlando, Florida 32803  
Telephone: (800) 344-6277  
Facsimile: (407) 648-6029  
email: [nass-fl@nass.usda.gov](mailto:nass-fl@nass.usda.gov)  
<http://www.nass.usda.gov/fl>

Cooperating with

U.S. Department of Agriculture,  
Agricultural Marketing Service  
and  
National Agricultural Statistics Service

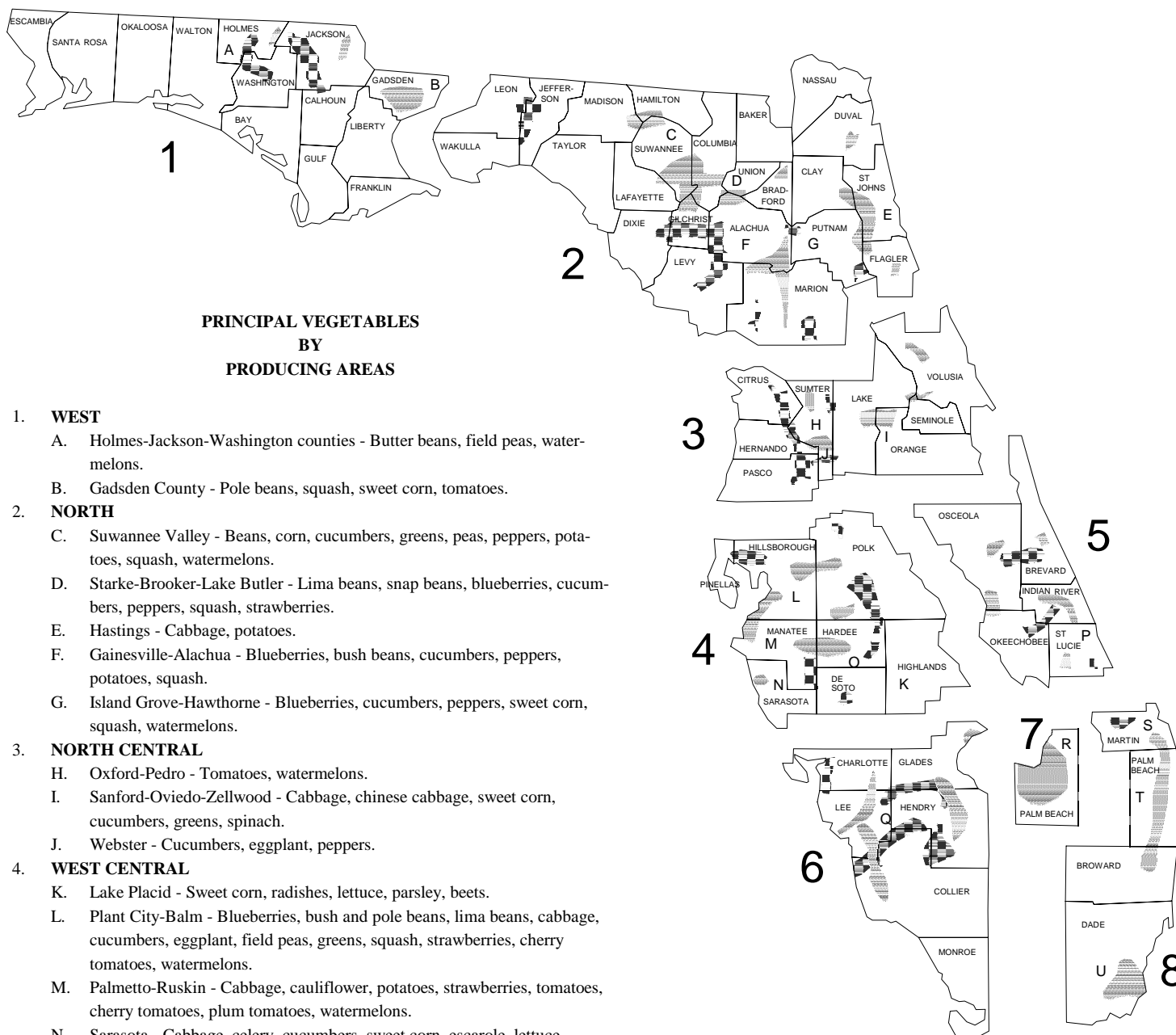
### **ACKNOWLEDGMENT**

The acreage, production, and value statistics in this bulletin are official State and USDA estimates prepared by the Florida Agricultural Statistics Service. Extended commodity coverage and county and area detail were made possible through the participation of the Department of Food and Resource Economics, University of Florida, in the estimating program. The Bureau of State Farmers' Markets, Florida Department of Agriculture, and the County Extension Agents of the Cooperative Extension Service were also very helpful in supplying area and county information. Shipment statistics were provided by the Market News Section of the Florida Department of Agriculture and the USDA Agricultural Marketing Service.

Growers, shippers, and processors volunteered most of the basic data used in developing these statistics. The public spirited cooperation of these individuals and groups is appreciated. The Florida Tomato Committee has provided valuable assistance and data throughout the season. Sales agencies and transportation firms provided additional data. The Florida Fruit and Vegetable Association provided the cover design, and the Florida Department of Agricultural and Consumer Services provided the picture for the cover.

Field personnel, A.J. Wilson, Parrish; E.J. Hutchins, Deerfield Beach; Charles Robertson, Homestead; Carl Ouzts, Orlando; and Robert McClelland, Immokalee, collected much of the basic acreage and production data in this bulletin. This report was assembled by Wade Adams, Shirley Zonner, and Bernie Albrecht of the Florida Agricultural Statistics Service, and Phil Montgomery, of the Market News Section. The authors also wish to thank Marcelo Diaz, Kitty Hildreth, Pat Quittance, Iris Solis, Jerry Campbell, and others of the Florida Agricultural Statistics Service who assisted in compiling and preparing this report.

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1. **WEST**

- A. Holmes-Jackson-Washington counties - Butter beans, field peas, watermelons.
- B. Gadsden County - Pole beans, squash, sweet corn, tomatoes.

2. **NORTH**

- C. Suwannee Valley - Beans, corn, cucumbers, greens, peas, peppers, potatoes, squash, watermelons.
- D. Starke-Brooker-Lake Butler - Lima beans, snap beans, blueberries, cucumbers, peppers, squash, strawberries.
- E. Hastings - Cabbage, potatoes.
- F. Gainesville-Alachua - Blueberries, bush beans, cucumbers, peppers, potatoes, squash.
- G. Island Grove-Hawthorne - Blueberries, cucumbers, peppers, sweet corn, squash, watermelons.

3. **NORTH CENTRAL**

- H. Oxford-Pedro - Tomatoes, watermelons.
- I. Sanford-Oviedo-Zellwood - Cabbage, chinese cabbage, sweet corn, cucumbers, greens, spinach.
- J. Webster - Cucumbers, eggplant, peppers.

4. **WEST CENTRAL**

- K. Lake Placid - Sweet corn, radishes, lettuce, parsley, beets.
- L. Plant City-Balm - Blueberries, bush and pole beans, lima beans, cabbage, cucumbers, eggplant, field peas, greens, squash, strawberries, cherry tomatoes, watermelons.
- M. Palmetto-Ruskin - Cabbage, cauliflower, potatoes, strawberries, tomatoes, cherry tomatoes, plum tomatoes, watermelons.
- N. Sarasota - Cabbage, celery, cucumbers, sweet corn, escarole, lettuce, radishes.
- O. Wauchula - Blueberries, cucumbers, eggplant, peppers, tomatoes, watermelons, squash.

5. **EAST CENTRAL**

- P. Ft. Pierce - Tomatoes, watermelons, snap beans.

6. **SOUTHWEST**

- Q. Snap beans, sweet corn, cucumbers, eggplant, sweet and hot peppers, potatoes, squash, tomatoes, cherry tomatoes, plum tomatoes, watermelons.

7. **EVERGLADES**

- R. Bush beans, cabbage, celery, Chinese cabbage, sweet corn, escarole, greens, lettuce, radishes.

8. **SOUTHEAST**

- S. Martin County - Cabbage, potatoes, tomatoes, watermelons.
- T. Pompano - Bush beans, lima beans, sweet corn, cucumbers, eggplant, sweet and hot peppers, squash, tomatoes, cherry tomatoes, plum tomatoes.
- U. Homestead - Bush and pole beans, cabbage, sweet corn, eggplant, okra, pickles, potatoes, squash, strawberries, tomatoes, cherry tomatoes, plum tomatoes.



Commercial Vegetables



Watermelons

Usual dates for planting and harvesting vegetables,  
melons, potatoes, and strawberries

Crop	Planting Dates <sup>1/</sup>	Usual Harvest Dates		
		Begins	Most active	Ends
Snap Beans <sup>2/</sup>	Aug 15 - Apr 1	Oct 15	Nov 1 - May 1	Jun 15
Blueberries		Apr 15	May 1 - May 25	Jun 10
Cabbage	Sep 1 - Mar 15	Oct 25	Jan 1 - Apr 15	Jun 15
Carrots	Aug 15 - Feb 15	Nov 1	Dec 15 - May 25	Jun 10
Cantaloupes	Jan 15 - Mar 15	Mar 10	May 15 - Jun 20	Jul 10
Cauliflower	Sep 15 - Jan 1	Dec 15	Jan 1 - Mar 15	Apr 15
Celery	Aug 1 - Apr 15	Oct 25	Dec 15 - Jun 1	Jul 10
Chinese Cabbage	Sep 1 - Apr 1	Oct 20	Nov 15 - May 15	Jun 1
Sweet corn	Jul 25 - May 10	Sep 25	Nov 15 - Jun 15	Jun 15
Cucumbers	Aug 1 - Apr 1	Sep 20	Nov 1 - Dec 15 Apr 20 - Jun 1	Jul 1
Eggplant	Jul 15 - Apr 1	Oct 1	Nov 15 - Jul 1	Aug 1
Escarole and Endive	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Lettuce and Romaine	Aug 25 - Apr 1	Oct 20	Dec 1 - May 1	Jun 1
Parsley	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Green Peppers	Aug 1 - Mar 15	Oct 20	Nov 15 - Jun 15	Jul 1
Potatoes	Sep 15 - Mar 1	Dec 26	Feb 1 - Jun 1	Jul 1
Radishes	Sep 1 - May 15	Sep 20	Nov 15 - May 1	Jun 15
Spinach (Proc.)	Nov 1 - Jan 1	Jan 15	Feb 1 - Mar 1	Mar 15
Squash <sup>3/</sup>	Aug 15 - Apr 1	Sep 1	Nov 15 - May 15	Jul 1
Strawberries	Oct 1 - Nov 15	Dec 15	Feb 1 - Apr 1	May 15
Tomatoes	Jul 25 - Mar 15	Oct 15	Nov 15 - Jun 1	Jul 1
Watermelons	Dec 15 - Apr 1	Apr 1	May 1 - Jul 1	Jul 15

<sup>1/</sup> Usual date direct seeded or transplanted. <sup>2/</sup> Includes Pole Beans. <sup>3/</sup> A small acreage of summer squash is marketed locally during July and August.

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Individual Crop Data	Narrative Summary	Acreage, Production and Value	Shipments
Snap Beans	4	14	44
Blueberries	5	--	--
Cabbage	5	16	44
Cantaloupes	11	--	--
Cauliflower	11	--	--
Celery	11	--	--
Chinese Cabbage	11	--	--
Sweet Corn	5	18	45
Cucumbers	6	21	45
Eggplant	6	24	45
Greens	11	--	--
Okra	11	--	46
Dry Onions	11	--	--
Parsley	11	--	46
Peas	11	--	--
Bell Peppers	7	26	46
Potatoes	7	29	47
Radishes	8	31	47
Squash	8	32	48
Strawberries	8	35	48
Tomatoes	9	37	48
Cherry Tomatoes	--	--	49
Watermelons	10	42	49
Other Crops	10	--	--
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## DEFINITIONS AND EXPLANATIONS

**SEASONAL GROUPS**--State level estimates for most crops are estimated on a six month seasonal basis. These statistics are published in January. The periods are for the crop year July through December and January through June. The two six month periods were combined in this publication into a crop year total for all crops. Production sold or utilized is shown by months.

**PLANTED ACREAGE** is the total acreage which has been planted for harvest during the crop year. Acreage lost and replanted to the same crop in time for harvest in the same quarter is counted only once. Acreage harvested and planted again to the same crop is counted twice.

**HARVESTED ACREAGE** is the acreage partially or completely harvested. Acreage lost before or at maturity through natural or economic causes is not included in the acreage for harvest.

**YIELD** is the average production per harvested acre of merchantable quality harvested and sold or utilized for human consumption.

**PRODUCTION** is the quantity actually harvested and sold or utilized for human consumption.

**UNIT VALUE** for fresh market sales is the equivalent price received, f.o.b. shipping point basis and encompasses all grades and sizes marketed or utilized. Included are packing charges, selling charges, precooling, top ice, or other costs which contribute to the value of the product at shipping point. The value per unit for quantities sold to processors is the average value paid for usable quantities, on a "delivered to plant door" basis. This value includes transportation and other normal costs incident to delivery at plant door.

**TOTAL VALUE** is the equivalent value of production sold or utilized based on the unit value. Cullage and other quantities

not sold or utilized because of natural or economic factors are excluded.

**OTHER COUNTIES** include harvested acreage for all counties for which either published data would result in the disclosure of individual operations or acreage totals for specific commodities of minor importance in the State.

**All shipments and unloads, rail, truck, air, and boat,** are recorded nationally in 10,000 pound units each day. Annual releases are in 1,000 cwt. In this publication, shipments and unloads for some commodities were converted to most common trading units. Rail and piggyback weights and conversion factors were determined by several Market News Service field offices. Mixed car (rail) loadings by stations have been prorated by commodities.

Where possible, the national Market News Service in Washington, D. C. has established a single uniform weight per commodity to be used nationally in converting to weight units for the various means of transportation. Weights per common container used and number of units per rail car or truck may be obtained by writing Federal-State Market News, 775 Warner Lane, Orlando, Florida 32803.

**PRODUCTION AND PRICE UNIT**--The official USDA vegetable crop estimates are published on a weight basis. For this bulletin, the official estimates for most vegetable crops have been converted to what is believed to be the most commonly used containers. If changes in container weights are necessary, all data pertaining to the production of the commodity in question are revised to maintain comparability between years. The table below gives the net weight used per container and the number of containers per hundredweight for Florida produce.

Most common unit, estimated net weight, and units per hundredweight,  
Florida produce, 1999-00 crop season

Commodity	Unit	Est. net weight	No. of units per cwt	Commodity	Unit	Est. net weight	No. of units per cwt
Pounds				Pounds			
Snap Beans	Bushel	30	3.333	Lettuce, Iceberg	Carton	50	2.000
Blueberries	Flat	11	9.090	Lettuce, Romaine	Carton	40	2.500
Cabbage	Crate	50	2.000	Lettuce, Leaf	Carton	25	4.000
Carrots	Sack	48	2.083	Okra	Bushel	30	3.333
Cauliflower	Carton	25	4.000	Parsley	Crate	21	4.762
Celery	Crate	60	1.667	Bell Pepper	Bushel	28	3.571
Chinese Cabbage	Crate	50	2.000	Potatoes	Sack	100	--
Sweet Corn	Crate	42	2.381	Radishes	Carton	15	6.667
Cucumbers	Bushel 1 1/9	55	1.818	Squash	Bushel	42	2.381
Eggplant	Bushel	33	3.030	Strawberries	Flat	12	8.333
Escarole	Crate	25	4.000	Tomatoes	Carton	25	4.000
Lettuce, Bibb	Carton	10	10.000	Watermelons	Cwt	100	--
Lettuce, Boston	Carton	20	5.000				

## **CONFIDENTIALITY OF COLLECTED DATA**

All information collected from individual agricultural producers is held strictly confidential. Data provided by individual producers or other agricultural firms are used only to compile and publish statistics at the county, State, and national levels. Statistics at the county and State level are not published if they will potentially disclose information about an individual or operation. In addition, all names and addresses obtained by this office are held confidential.

## **RELEASE DISTRIBUTION POLICY**

Florida Agricultural Statistics Service (FASS) publications are provided free of charge to all Florida agricultural producers and other respondents to FASS surveys. Also entitled to free FASS publications are news media that use agricultural statistics in their publications, cooperating State agencies, and other USDA agencies that have an essential need for this information. Publications picked up at the FASS office will be provided at no charge. Most FASS publications are available on the Internet. Users may access and download these reports from our homepage: <http://www.nass.usda.gov/fl>

Other persons or entities will be assessed a nominal charge to receive individual publications or to be placed on distribution list for future FASS publications. See pages 61 & 62 for subscription costs.



## SUMMARY OF THE 1999-00 SEASON

The value of vegetables, watermelons, potatoes, and berries produced in Florida during the 1999-00 season totaled \$1.54 billion, down 3 percent from the 1998-99 value of \$1.59 billion. The values of production that increased were snap beans, sweet corn, cucumbers, radishes, strawberries, and blueberries.

Acreage planted to vegetables, watermelons, potatoes, and berries during the 1999-00 season totaled 299,450 acres, down 5 percent from the 316,000 acres planted during the 1998-99 season. Producers showed increased 1999-00 plantings for snap beans, sweet corn, cucumbers, radishes, and strawberries.

The total 1999-00 acreage harvested of 287,450 acres decreased 4 percent from the previous acreage of 300,800 acres. The areas harvested for snap beans, sweet corn, cucumbers, radishes, and strawberries showed increases from the 1998-99 season.

The average yield per harvested acre was higher for cabbage, sweet corn, cucumbers, eggplant, Bell peppers, radishes, squash, tomatoes, watermelons, strawberries and blueberries.

### WEATHER HIGHLIGHTS

Although frequent afternoon and evening showers occurred during the month of July 1999, rainfall over most of the State was well below normal. Monthly precipitation ranged from about five inches below normal at West Palm Beach to about a half inch below at Daytona Beach. Ft. Pierce recorded only six tenths inch of rain falling during July. Pensacola rainfall totaled about eight inches for the month, about one third inch above normal. Cross City recorded over eleven inches during July. Temperatures during July averaged normal to one degree above with several stations recording at least one high of 100 degrees or more. Dry soils delayed the laying of plastic for fall crop planting in the southern half of the Peninsula during late July into early August with some growers in the East Coast region irrigating prior to laying plastic. For the month of August, rainfall totaled from an inch at Avalon to almost eighteen inches at Bradenton. Precipitation ranged from over four inches below normal at Inverness to almost seven inches above at Miami. Most temperatures averaged one to two degrees above normal. Highs were mostly in the 90s with Gainesville and Pierson reporting at least one daily high of 101. Most low temperatures were in the 60s and 70s.

The threat of bad weather from Hurricane Dennis, Hurricane Floyd, and Tropical Storm Harvey delayed the start of fall crop planting throughout September. Dry conditions turned wet during early September as daily rains arrived over most of the Peninsula. Rain from Floyd during mid-month helped ease drought conditions in many localities. Dade County and southwestern localities felt the brunt of rain from Harvey after mid-month with some drainage canals overflowing in the Southwest. Rain from tropical waves passing over the State near the end of September flooded some low lying areas in some southeastern coastal areas. Cloud cover from the tropical systems kept most temperatures below normal during the last half of September. For September, temperatures averaged two degrees below to a degree above normal while rain totaled from about a tenth inch at the Cross City airport to over eighteen inches in Melbourne.

Scattered showers brought varying amounts of rain during early October. Temperatures during early October were normal to four degrees above. Strong winds and abundant rain buffeted crops and blew some blooms and mature fruit off trees, plants, and vines in some parts of the Southwest and East Coast regions, and in Dade County, as Hurricane Irene passed in mid-October. Flooding from Hurricane Irene's rains about mid-October caused some sweet corn acreage to be abandoned in the Everglades, and delayed the planting of vegetables for winter crop harvest in the East Coast and Dade County areas. Fall crop yields in the affected areas were significantly reduced due to this damage. Rain from the storm ranged from three inches along the east coast to over twelve inches in Dade and Broward counties. Cooler weather arrived during the last half of the month with a few Panhandle and extreme northern Peninsula localities reporting frost during the last week. Some potato beds washed away around Immokalee due to flooding in late October which growers rebudded. For the month of October, rainfall ranged from about a half inch at Madison to over twenty inches at Ft. Lauderdale. Temperatures averaged normal to two degrees above for the whole month of October.

Drier and mostly warmer weather during November and December aided the recovery of crops from the hurricane damage. Cool temperatures persisted into early November but warmed back to normal or above before mid-month. Temperatures dipped into the 30s across some northern Peninsula and Panhandle areas after mid-November with only very light frost reported. November rain ranged from none at the Moore Haven lock to about five and a third inches at Madison. Temperatures

during November averaged from one degree below normal to three degrees above. As December arrived, temperatures dropped into the 30s in many central Peninsula areas but caused no significant damage to crops. During December temperatures averaged from three degrees below normal to two degrees above. In late December, cold weather again dipped into many central Peninsula localities causing light frosts with no significant harm to crops reported. Most December rain totals ranged from a half inch to almost three inches with about six inches recorded in Niceville and Crestview. Blountstown reported no measurable rain for December.

The mostly dry and mostly warm conditions during January, February, and March provided nearly ideal conditions for vegetable growth and development but increased the need for irrigation. Mostly dry, warm weather during early January boosted plant growth and fruit development. Cold temperatures arrived after mid-month with Palmetto-Ruskin reporting a frost which caused no significant damage. The cold persisted into late January with Dade County and the Palmetto-Ruskin area receiving frosts that did not harm any crops significantly. However, some sweet corn in the Everglades region was lost to these cold temperatures and replanted. Most January temperatures averaged normal to two degrees above with Apalachicola, Pensacola, and Fernandina Beach recording temperatures five, four, and three degrees above normal, respectively. January rainfall totaled from about a tenth inch at Miami Beach to over three and a half inches at Jacksonville Beach. The January rains ranged from a third inch below normal at Fernandina Beach to almost three inches below at Inverness. Mostly dry conditions continued into February with precipitation ranging from about a half inch below normal at Tavernier to four and a third inches below at Pensacola. Rain for the month totaled from about two tenths inch at Moore Haven to about four inches at Jasper with most stations reporting from a half inch to an inch and a half. Warm temperatures over the vegetable producing areas during February advanced plant growth and fruit development. Most temperatures for February averaged from two degrees below normal to two degrees above with temperatures at De Funiak Springs and Pensacola averaging four degrees above normal for the month.

Warm weather continued into March with monthly temperatures averaging from one degree above normal at Madison, Fort Myers and Tavernier, to five degrees above at Kissimmee and St. Petersburg. Rainfall was limited to mostly traces during early March. After mid-month, storms dropped significant amounts of rain over the vegetable regions. Rain for the month totaled from traces at Cross City to over eight inches at Daytona Beach and ranged

from almost five inches below normal at Tallahassee to almost six inches above at Daytona Beach. However, most central Peninsula localities recorded less than an inch of rain for March. Cooler temperatures during April slowed maturation of some crops. Most temperatures during April averaged from one to three degrees below normal. Although April showers brought significant rain to some western Panhandle areas, and to some localities in the East Coast area and around Lake Okeechobee, most rainfall ranged from a third to almost four inches below normal. April rain totaled from traces at Apalachicola to almost eight inches at Loxahatchee and West Palm Beach. The heavy rainfall damaged some sweet corn in the Everglades region, affected the growth and development of tomatoes in the East Coast region, and harmed some potatoes, especially in Flagler County.

Temperatures remained below normal during early May but climbed to record highs by the end of the month. Temperatures in May averaged normal to four degrees above normal. Dry weather persisted during May with rain totaling from none at Glen St. Mary, Ocala, Arcadia, and Okeechobee to about two inches at St. Augustine, Brooksville, Kissimmee, and the Miami airport. The continued drought caused poor development of dryland watermelon acreage with a significant amount abandoned. Rain at the end of May brought relief to some southwestern and central Peninsula localities and to Dade County. Scattered showers during June helped ease low soil moisture supplies but left some localities dry. Rain during June ranged from about three fourths inch at Tallahassee to over twelve inches at Inverness and Plant City. Most temperatures remained above normal during June. Truck shortages and low markets brought most vegetable harvesting to an end by mid-to-late June.

## **SNAP BEANS**

Growers produced 9.1 million bushels of snap beans for the fresh market during the 1999-00 season, up 5 percent from last season and the largest production on record. Harvest acreage of 35,000 acres was up 12 percent from the previous season. The yield of 259 bushels per acre was down 19 bushels from a year earlier. The average bushel price was \$16.27 per bushel, up \$3.07 from the 1998-99 season. The value of the 1999-00 crop was \$148.4 million, up 29 percent from the previous season.

Bush beans are the most common type grown in the State. The Southeastern area, mainly Dade and Palm Beach counties, continued as the major production area. Pole beans are grown primarily in Dade County with a small amount grown in some northern counties.

Central and Northern area producers began planting their fall crop during the late summer. Dade County, Southwest, and Southeast growers started planting in late August. Hurricane Irene crossed southern Florida on October 15, 1999. The snap bean crop was damaged by the strong winds and flooding from the heavy rains. Dade County beans were hit harder than other areas. In Dade County flooding caused most of the acreage to be replanted. In other areas very little replanting was needed as plants recovered but harvest was delayed. Northern harvest was active during October and November. Harvest started in the southern areas in early November. Northern fall harvest was completed by mid-December. In the West Central area the fall harvest ended in late December. On January 17 there was some leaf burn on the snap bean plants in some fields from a light frost. Planting of the West Central and Northern spring crop started in mid-February. Picking of the West Central and Northern crop started in mid-April. The Southern harvest ended in late May. The West Central and Northern harvest ended in late June.

### **BLUEBERRIES**

The acreage of blueberries harvested in 1999-00 was 1,400 acres, up 200 acres from last year. Production was an estimated 2,800,000 pounds, with an average yield per acre of 2,000 pounds. The value per pound was \$4.26 and the value of the crop was \$11,925,000. Harvesting of blueberries occurs between mid-April and early June. The majority of the acreage is in the northern counties of the Peninsula with significant production also in Hardee, Hillsborough, and Manatee counties, as well as in the Panhandle. Both fresh use and processing blueberries are produced.

### **CABBAGE**

Cabbage growers produced 4.0 million crates and bags of cabbage during the 1999-00 season, down 2 percent from the previous season. The gross value of sales was \$20.2 million, down 1 percent from a year earlier. The season average price was \$5.04, up four cents from the 1998-99 price. Harvested acreage totaled 7,900 acres, down 500 acres from the previous year. The planted acreage totaled 8,200 acres, down 300 acres from a year earlier. The average yield of 507 crates per acre was up 19 crates from the previous year.

Planting was underway by mid-September in the Central and Hastings areas. Harvest was underway by

mid-December. The Florida cabbage crop was not harmed by cold weather during the winter. The cabbage harvest was complete by late May.

### **SWEET CORN**

Value of the 1999-00 sweet corn crop totaled \$101,463,000, almost two percent higher than the previous year's value of \$99,944,000. Production at 13,019,000 42-pound crates rose one percent above the 1998-99 production of 12,920,000 crates. The Everglades region produced 63 percent of the 1999-00 production. The Central area, including growers in the Zellwood area, grew about 5 percent of the total bushels harvested in 1999-00. The combined Southeast and Southwest regions produced 25 percent of the 1999-00 bushels picked while growers in northern localities grew the remaining 7 percent. Florida continues as the leader nationwide in the production of sweet corn followed by California. The value per crate averaged \$7.79, five cents above the 1998-99 average of \$7.74 per crate. Growers received record-high prices of \$12.22 and \$17.09 per crate during November and December, respectively. Rains from Hurricane Irene caused some acreage abandonment with fall supplies curtailed. However, prices dropped steadily from the record-high \$13.23 per crate averaged in January to the \$5.54 per crate averaged in June. Spring prices dropped below the cost of production with some growers abandoning a significant amount of the acreage due to the low prices. Growers planted 41,100 acres and harvested 36,900 acres during 1999-00 compared with 39,900 planted and 39,500 harvested during the 1998-99 season.

Planting in northern areas began in late July and early August while Zellwood growers started planting during the last half of August. Heavy rains in September 1999 caused some discoloring in fields around Zellwood. East Coast growers prepared land for planting as weather permitted during the last half of September while planting gained momentum in the Everglades area. Flooding from Hurricane Irene's rains about mid-October caused some sweet corn acreage to be abandoned in the Everglades, and delayed planting in the East Coast and Dade County areas. Drier weather following the storm allowed East Coast growers to replace fertilizer leached by the rains accompanying the storm. Small acreages already planted in Dade County and the East Coast area recovered from flooding which drained rapidly after the storm passed. Northern producers harvested a small supply during the last half of the month. By late October, planting increased in the southern Peninsula growing regions. Mostly dry and mild weather during November and most of December

aided crop development and allowed planting to progress normally. Zellwood growers began picking by mid-November with growers by-passing some picks due to a reduction in quality caused by the earlier storms. By late November, southwestern growers finished fall crop planting and were picking steadily. Producers in the Everglades region started picking with early yields well below normal due to the earlier storm damage. Harvesting of the fall crop around Zellwood and in northern areas was virtually completed by early December. The oldest acreage in Dade County began tasseling in early to mid-December. Growers in the Everglades region started spring crop planting during the last half of December.

Producers in Dade County completed planting in early January with winter crop picking starting about mid-month. East Coast growers finished winter crop planting by early January as oldest acreage started to tassel. In late January a cold front passing over the Peninsula caused temperatures to dip to freezing levels in many areas with Dade County reporting frost during the early morning hours of January 27. The cold temperatures caused leaf burn in the East Coast region, and severely damaged a portion of the west side of some of the oldest fields in the Everglades area. Spring crop planting started in the Southwest at the end of January as fall crop harvesting ended. Nearly ideal conditions during February and March allowed most plants to recover from the cold with plant growth and ear development progressing very well. Harvesting began in the East Coast area about mid-February as growers around Zellwood started spring crop planting. Southwestern producers finished planting about mid-March. Everglades growers started harvesting during late March as southwestern picking gained momentum. East Coast growers started picking for local sales only by early April. Zellwood growers started spring crop harvesting in late April. Heavy rains during late April damaged some fields in the Everglades region. Dade County and southwestern growers finished spring crop picking by early May. Supplies from the Everglades area reached peak levels in early to mid-May. East Coast producers finished harvesting by the end of May. Northern growers started picking during late May and early June. Zellwood growers finished harvesting about mid-June while northern producers completed picking in early July.

## **CUCUMBERS**

Fresh market cucumber production totaled 7.4 million bushels during 1999-00, up 46 percent from the 5.1 million bushels harvested during the 1998-99 season. The acreage harvested at 10,700 acres is up 22 percent from

last year. The yield at 694 bushels per acre was 115 bushels above a year earlier. The value of the 1999-00 crop at \$79.6 million was 49 percent higher than the value of last year's crop. The prices received by growers averaged \$10.72 per bushel, up 20 cents from a year earlier. Growers marketed the largest percentage of the crop (24.9 percent) in April followed by December at 18.9 percent. Growers in the Central area accounted for 48 percent of the State's production, followed by 27 percent from the Southeast area, 15 percent from the Southwest, and by 11 percent from the North.

Planting started by early September in the West Central area. Southeast planting started in late September. Southwest growers started planting in early October. Wind and excessive rain from Hurricane Irene on October 15 caused bloom lose and vine damage in the Southeast. Harvesting started in the West Central area in late October. Southeast and Southwest harvesting started in early November. West Central fall harvest was complete in late December. Some growers used freeze covers and straw to protect their crop from the frost on January 27. There was no significant damage from this frost. West Central spring crop planting started in early February. West Central spring harvest started in mid-April. Harvest was complete in all areas by late June.

## **EGGPLANT**

Eggplant production during the 1999-00 season totaled 1,515,000 bushels. This was down 7 percent from the 1998-99 season. Yield averaged 842 bushels per acre, 31 bushels more than the previous season's yield. Acres harvested totaled 1,800 compared to 2,000 acres harvested the previous season. The value of production at \$15,180,000 decreased 10 percent from the 1998-99 value of \$16,788,000. The price growers received for the 1999-00 crop averaged \$10.02 per bushel, \$0.33 per bushel less than the previous price of \$10.35. Most of the eggplant production continues to come from the Southeast area of the State.

Planting started in the East Coast areas in August, blooming followed in mid-September with the oldest acreage setting fruit in late September. Harvesting of regular and specialty types began after mid-October with mostly good color and quality. Strong winds and water caused some damage but growing conditions were mostly favorable. Color, quality, and yields were mostly good for the season. Harvest was finished in June.

## **BELL PEPPERS**

The 1999-00 production totaled almost 22 million bushels, one percent above the previous season's production of 21,620 thousand bushels. Yield increased to 1,210 bushels per acre, 72 bushels or six percent above the 1998-99 season's 1,138 bushels per acre harvested. The 1999-00 yield is the highest of record. The Southeast region accounted for 42 percent of the total bushels harvested, followed by the Southwest with 33 percent, and the Central area with 24 percent. The western Panhandle and northern Peninsula counties up the remaining one percent. Acreage picked during the 1999-00 season totaled 18,100 acres, five percent or 900 acres below the 19,000 acres harvested during the 1998-99 season. Producers received an average of \$10.68 per bushel for the 1999-00 crop, 53 cents lower than the \$11.21 per bushel obtained for the previous season. The value of the 1999-00 crop totaled \$233,914,000, three percent below the 1998-99 value of \$242,390,000. The total value of the 1999-00 crop is the third highest of record and compares with the record high of \$276,234,000 received for the 1997-98 crop. Prices ranged from a high of \$12.46 per bushel averaged in March to a low of \$8.16 averaged in May and June.

Planting started along the southeastern coast during July while growers began planting in the Southwest and West Central regions during late August. In early September, hail damaged a very small acreage in the East Coast area. During late September, winds and rain from Hurricane Floyd and Tropical Storm Harvey damaged plants and blew some blooms off plants in southwestern and East Coast fields not protected by wind breaks. Growers made spot resets of damaged plants following the storm. Harvesting started along the southeastern coast by early October while West Central producers finished planting. About mid-October, wind and flooding from Hurricane Irene reduced yield prospects in both the East Coast and Southwest regions. Flooding from this storm delayed winter crop planting in the East Coast and southwestern areas. Planting got back on schedule as fields dried out during the milder weather that followed the storm. Harvesting began in the Southwest during late October. Strong winds during late October and early November blew sand over fields in the East Coast region. Mild and mostly dry weather during November and most of December provided nearly ideal conditions for plant growth and development. Picking began in the West Central area during late November. Cool temperatures during late December caused no significant damage to the crop.

Producers in the West Central area finished fall crop picking by early January and started spring crop planting in late January. Southwestern and East Coast growers transplanted steadily from January until mid-to-late March. Cold, gusty winds caused some leaf burn during late January with no significant damage reported. Nearly ideal weather during February and March allowed plant growth and fruit development to progress very well. Central and northern producers began transplanting during late February. Palmetto-Ruskin growers finished planting about mid-March and began harvesting in early April. Rain delayed some field activities along the southeastern coast about mid-April. Dry, hot, and windy weather during late April and all of May stressed plant growth and fruit development in all areas. Most southern Peninsula harvesting finished by mid-June. Northern producers were picking a limited production during the first half of June with activity finished by the end of the month.

## **POTATOES**

Florida potato production during 2000, including both the winter and spring crops, totaled 8.4 million hundredweight, down 21 percent from the 10.6 million hundredweight produced in 1999. Producers planted a total of 30,500 acres during 2000, down 21 percent from the previous year. Most of the drop in planted acreage came from the Hastings spring crop with producers growing alternative crops such as sod due to losses from potatoes in recent years. Growers dug 29,500 acres, down 21 percent from 1999. The value of the total crop was placed at almost \$87.7 million, down 31 percent from last year. Growers received an average of \$10.46 per hundredweight for all potatoes compared with \$11.88 in 1999. Yield averaged 286 hundredweight per acre, equal to the previous year.

Producers in the West Central region started planting during early October when Hurricane Irene flooded fields and stopped progress. Southwestern producers began planting after mid-October. Some potato beds washed away around Immokalee due to flooding which growers re-bedded. Drier weather following the storm allowed the West Central growers to resume planting. Dade County producers started planting in late October. Perfect weather in early November and good soil conditions allowed Dade growers to keep planting on schedule. Mostly mild conditions throughout November and December boosted plant growth and development. Producers in the Hastings area started planting in late December. Dade County growers completed planting in early January, followed by West Central producers

finishing by mid-month. Southwestern producers finished planting in late January as digging began. The acreage around Hastings suffered no significant damage from freezing temperatures in late January and early February which slowed crop development. Dade County growers started killing foliage about mid-February with digging underway by late month. Milder weather during late February boosted crop development in the Hastings area. Early yields in Dade County proved better than expected. West Central growers were harvesting reds and creamers by mid-March with the digging of chippers starting during late March and progressing into early April. A low market in late March and early April slowed movement. Heavy showers in early April severely damaged some acreage in the Hastings area, especially in Flagler County. Dade County producers ended digging by the end of April. Hastings growers started digging both chipper and table types during early May while southwestern and West Central producers were finishing harvesting. Rain around mid-May delayed some digging in the Hastings region with clearer weather during the last half of May and the first half of June speeding activity. Hastings producers finished digging by late June. Harvesting in other northern areas was active by early June and finished by the first of July.

The “red-skinned” varieties are the dominant potatoes grown for winter harvest in south Florida. Most of the winter crop is sold to table stock. In Hastings and the other spring areas, the “white-skinned” varieties dominate. Most of the Hastings production goes to processing to produce potato chips.

## **RADISHES**

Production of radishes in Florida totaled 3.6 million cartons in 1999-00, up 35 percent from the previous season. (A carton of radishes is 15 pounds.) The area harvested was 7,850 acres, up 11 percent from the last season. The yield was 455 cartons per acre, up 81 cartons from last season. The season average value per carton was \$7.07, down 33 cents from 1998-99. The value of annual production was \$25.3 million, up 29 percent from the previous season.

Radish seeding for the 1999-00 crop was underway in September in the Everglades area. The rains from Hurricane Irene flooded radish fields during the week of October 10-16. The crop was replanted. Harvest was underway by mid-November. Harvest was complete in the Everglades area in late May.

## **SQUASH**

The harvested area of squash in the 1999-00 season was 11,800 acres, down 800 acres from the previous season. Production was 3.45 million bushels, down 2 percent from last season. (A bushel of squash equals 42 pounds.) The yield was 293 bushels per acre, up 13 bushels from the 1998-99 season. Shipments to out-of-State markets had two peaks, one in January and one in April. The average price for the season was \$13.29 per bushel, down \$1.96 from last season. The total value of the crop was \$45.9 million, down 15 percent from the 1998-99 season.

Florida produces acorn, yellow crookneck, yellow straightneck, white, and zucchini squash. The Southwest region accounted for 67 percent of the State’s production, with the Southwest producing 14 percent of the State’s total.

Planting of the Southwest, East Coast and West Central fall crop was started in August. Dade County planting started in early October. Harvest in the north was active during September. East Coast harvest started in early October. West Central and Southwest harvest started in late October. Dade County harvest started in early November. The crop was damaged by heavy rain from Hurricane Irene during the week of October 10-16. Some areas in Dade County got more than 17 inches of rains from this storm. West Central fall crop harvest was completed by late December. West Central spring planting started in late January. Harvest of the West Central spring crop was underway in mid-March. Planting was complete in all areas by the end of March. Harvesting was complete in southern areas in early June and in the north in late June.

## **STRAWBERRIES**

Production of strawberries reached a record 18,375,000 flats in the 1999-00 season, up from the 15,500,000 flats in the 1998-99 season. Area harvested was 6,300 acres, up 100 acres from last season. Yield was 2,917 flats per acre, up from the 2,500 flats last year. (A flat of strawberries equals 12 pounds.) The value of the 1999-00 strawberry crop was \$167,580,000 up 11 percent from the 1998-99 crop. The price per flat at \$9.12 was down from the 1998-99 price of \$9.72 per flat.

## TOMATOES

The value of the 1999-00 fresh market tomato crop totaled \$418.3 million, down \$45.9 million or ten percent from the 1998-99 value of \$464.2 million. Acreage harvested at 43,200 acres decreased by only 200 acres from the 43,400 harvested in 1998-99. This estimated acreage includes round and plum or pear varieties and U-Pic acres. Yield per acre rose slightly from the 1,427 cartons per acre picked in 1998-99 to 1,439 cartons averaged in 1999-00. Production rose less than one half of one percent from 61,922,000 cartons in 1998-99 to 62,185,000 cartons in 1999-00. The value per carton at \$6.73, f. o. b. basis, was 77 cents lower than the \$7.50 per carton growers received for the 1998-1999 crop. Average prices during 1999-00 ranged from a high of \$8.70 per carton in April to a low of \$4.25 per carton in June. Most monthly prices averaged below the previous season except for March and April.

Planting of fall crop acreage around Quincy started about mid-July 1999 with growers finishing by late August. Significant planting got underway about mid-August in the East Coast and Palmetto-Ruskin regions. Southwestern producers started transplanting in late August while Dade County growers began planting about mid-September. During mid-to-late September, winds and rain from Hurricane Floyd and Tropical Storm Harvey caused no significant damage to the early plantings. However the wet weather delayed some fieldwork and reduced the effectiveness of pesticides. Land leveling prior to planting allowed water from these storms to drain rapidly from most acreage, although the water filled drainage canals to the brim with some overflowing. Workers made steady spray applications of pesticides following the storms to combat disease and insects. The oldest acreage in the southern Peninsula was blooming and setting fruit by late September. Harvesting of a small amount started in the Quincy area during the last week of September as Palmetto-Ruskin growers finished fall crop transplanting. Harvesting of a very small acreage started in the Palmetto-Ruskin area in early October.

Strong winds, heavy rain, and flooding caused by Hurricane Irene which passed during the second week of October, significantly damaged some plants and fruit, and delayed some transplanting of the winter crop. Soggy soils and strong winds caused some of the oldest staked plants to lean. The heavy rains and strong winds also increased bloom and fruit drop, broke some stems, and burned some young foliage. Dade County and East Coast growers replanted the acreage lost to flooding. Dry, mild conditions during the last half of October, all of November and most

of December helped most plants recover and let winter crop transplanting get back on schedule. Southwestern producers started picking in late October with early yields well below normal due to scars and water damage to stems and shoulders causing fruit not to meet grade standards. Strong winds during mid-November dehydrated some plants and increased the need for irrigation along the southeastern coast and in Dade County. A light frost in the Palmetto-Ruskin region during early December caused no damage to the crop. By mid-December, Dade County plants damaged by Hurricane Irene were making a good crop above the crown hand while southwestern and East Coast growers started picking acreage that developed after the storm. Dade County producers began harvesting in late December with some first pick yields lower than normal due to the storm damage. Quincy area growers finished most fall crop picking by mid-December. Palmetto-Ruskin fall crop harvesting began to slow seasonally by the end of 1999 with most growers finished by early January.

Palmetto-Ruskin producers began spring crop transplanting during the last week of December and finished about mid-March. Dade County planting ended in early January. Southwestern growers finished transplanting about mid-February while producers along the southeastern coast stopped planting about mid-March. Cool, dry weather provided almost ideal conditions for plant growth and fruit setting during January, February and March, but hindered some fruit sizing. Several growers limited the first pickings of the winter crop to vine-ripes due to the poor market for mature greens with some plantings never harvested for the mature green market. Strong winds and frost damaged a limited amount of plants in the Palmetto-Ruskin region at the end of January with growers resetting some rows. This frost also dipped into Dade County but caused no significant damage to plants. Producers in the Quincy area started spring crop planting around mid-March with growers finishing up in early April. Abundant rainfall in the East Coast region during the first half of April affected plant growth and fruit development. Cool temperatures in April slowed plant growth and fruit maturation in all regions. Palmetto-Ruskin growers started spring crop harvesting about mid-April. Hot, dry weather during most of May accelerated fruit maturation and caused southern Peninsula plants to wilt. Dade County growers ended picking by mid-May with pinhooking very active during the first half of May. Southwestern producers finished harvesting by late May with some picks not made due to a low market. Palmetto-Ruskin growers finished picking in late June. Growers in the Quincy area began spring crop picking after the Memorial Day holiday and finished about mid-July.

## WATERMELONS

Production during the 1999-00 season totaled 8.6 million cwt, down 18 percent from the 10.5 million cwt produced last year. Harvested acreage totaled 27,000 acres, down 23 percent from the previous season. The average yield was 320 cwt per acre, up 20 cwt from the 1998-99 season. Value of production was \$45.4 million, down 37 percent from last season. Growers received \$5.25 per cwt, down \$1.65 from the previous season.

Southern counties accounted for 43 percent of the production and 28 percent of the harvested acreage. Hendry County had the largest acreage per county in the south and the State. Alachua County has the largest acreage in the north and is number two in the State with 8 percent of State's harvested acreage. Collier and Jackson counties tied for third in the State with 7 percent of the State's harvested acreage each.

A small acreage of watermelons for harvest during the fall is grown in the southern localities and in scattered areas of north and central Florida. These melons are harvested in October, November, and December depending on weather conditions. This acreage and production are included in the spring crop.

Fall crop plantings began during the summer of 1999 around Palmetto-Ruskin and scattered areas of north and central Florida. The harvest was underway in early October. Fall watermelon harvest ended in early January. Planting of the spring crop started in the southwest in early January and ended in mid-March. Planting of the northern crop was underway in mid-March and completed in late April. Southwest harvest started in late March. Palmetto-Ruskin harvest started in late May. Harvest in the Southwest was complete in mid-June. Palmetto-Ruskin harvest was complete in late June. Harvest in the Panhandle and northern Peninsula was complete in July.

## OTHER CROPS

**Cantaloupes** are grown in Florida primarily in the spring and summer in the Southwest and North Central areas. Some cantaloupes also are grown during the fall months in the Southwest and West Central areas. The peak harvest period is normally May and June. Much of the production is sold through roadside stands and local markets.

**Carrot** production was discontinued around the Lake Apopka area. Due to the limited number of producers growing carrots, the Florida Agricultural Statistics Service has discontinued publishing acreage, yield, and price statistics.

**Cauliflower** is grown in the North Central and West Central areas. Supplies are available from late November through early May.

**Celery** production is located mainly in the Everglades. Transplanting usually starts by early September and harvest runs from November through June. Due to the limited number of producers growing celery, the Florida Agricultural Statistics Service has discontinued publishing acreage, yield, and price statistics.

**Chinese Cabbage** is grown primarily on the mucklands in the Everglades area. Harvest began in October and continued through early June.

**Escarole-endive**, due to the limited number of producers, the Florida Agricultural Statistics Service has discontinued publishing acreage, yield, and price statistics.

**Collard, turnip, mustard, and other greens** are grown throughout the State and centered around large population areas and in the muck soils of the Everglades. Supplies are available for local consumption throughout the year.

**Okra** is grown in many areas of the State. Dade County produces okra for local use as well as for shipments to other States. Peak production is in May and June with a good supply in October and November.

**Green onions and leeks** are produced in the North Central and West Central areas. Supplies are marketed primarily at roadside stands and markets for local use, but there are several large producers who ship to other States.

Most of the **dry onions** are produced in southern and west central areas of the State.

**Parsley** is available in both the curly and plain types. The bulk of the commercial volume shipped to other States is produced in the Everglades. Light supplies sold for local use are available from Sarasota, Lake Placid, and other areas.

**Southern peas** are grown primarily in the West, North, West Central, and Everglades areas of Florida. Dade County also produces a considerable amount of southern peas. Light supplies are generally available from



September through December. Heavy movement is spread out from November through May. A high percentage of the crop is utilized for processing, though a part of the crop is sold through local markets for fresh use.

**Tropical vegetable** production is centered in Dade County. The most common tropical vegetables followed by the scientific name in italics and other names in parentheses are: boniato-*Ipomea batata* (sweet potato); calabaza-*Cucurbita* (pumpkin); malanga-Xanthosoma

caracu or (dasheen, yautia); and cassava-*Manihot esculenta* (crantz, yuca, tapioca). Boniato, calabaza, and malanga constitute the bulk of production. Peak production of malanga occurs in February through April. Efforts are being made to provide more even supplies throughout the year. Miami and the Tampa Bay areas are important points of consumption for the Florida production. The supplies shipped out of State are primarily for the New York City and Philadelphia areas.

# VEGETABLES, WATERMELONS, POTATOES, AND BERRIES

Acreage, yield, production and value, Florida, crop years 1998-99 and 1999-00

Crop	Planted acreage		Harvested acreage		Yield per acre	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00

Acres

Cwt

## Vegetables:

Snap beans	32,000	36,000	31,300	35,000	83	78
Cabbage	8,500	8,200	8,400	7,900	244	254
Sweet corn	39,900	41,100	39,500	36,900	137	148
Cucumbers	8,900	10,800	8,800	10,700	318	382
Eggplant	2,000	1,800	2,000	1,800	268	278
Bell peppers	19,200	18,600	19,000	18,100	319	339
Radishes	8,500	8,850	7,100	7,850	56	68
Squash	13,000	12,100	12,600	11,800	118	123
Tomatoes	43,400	43,200	43,400	43,200	357	360
Total	175,400	180,650	172,100	173,250	--	--
Other vegetables <sup>1/</sup>	51,000	52,000	49,000	50,000	184	157
Watermelons	45,000	30,000	35,000	27,000	300	320
Potatoes	38,400	30,500	37,300	29,500	285	284
Strawberries	6,200	6,300	6,200	6,300	260	295
Blueberries	--	--	1,200	1,400	12	20
Total, all crops	316,000	299,450	300,800	287,450	--	--

Crop	Production		Value per cwt		Total value	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00

1,000 cwt

Dollars per cwt

1,000 dollars

## Vegetables:

Snap beans	2,606	2,736	44.00	54.20	114,650	148,382
Cabbage	2,049	2,004	10.00	10.10	20,495	20,210
Sweet corn	5,426	5,468	18.40	18.60	99,944	101,463
Cucumbers	2,800	4,083	19.10	19.50	53,565	79,569
Eggplant	535	500	31.40	30.40	16,788	15,180
Bell peppers	6,054	6,132	40.00	38.10	242,390	233,914
Radishes	398	536	49.30	47.10	19,647	25,253
Squash	1,482	1,450	36.30	31.60	53,802	45,880
Tomatoes	15,481	15,546	30.00	26.90	464,244	418,348
Total	36,830	38,455	--	--	1,085,525	1,088,199
Other vegetables <sup>1/</sup>	8,997	7,840	16.00	18.40	143,472	144,000
Watermelons	10,500	8,640	6.90	5.30	72,450	45,360
Potatoes <sup>2/</sup>	10,625	8,379	11.90	10.50	126,220	87,679
Strawberries	1,612	1,860	93.50	90.10	150,660	167,580
Blueberries	15	28	483.80	425.90	7,015	11,925
Total, all crops	68,578	65,202	--	--	1,585,342	1,544,743

<sup>1/</sup> Other fresh and processing vegetables, and cantaloupes. <sup>2/</sup> Production sold.

**VEGETABLES, WATERMELONS, POTATOES, AND BERRIES:**

Harvested acreage, Florida, crop years 1985-86 through 1999-00

Crop year	Harvested acreage				
	Vegetables <sup>1/</sup>	Watermelons	Potatoes	Berries <sup>2/</sup>	Total
Acres					
1985-86	312,300	47,550	32,600	4,900	397,350
1986-87	309,625	46,100	35,700	4,900	396,325
1987-88	313,800	49,800	36,100	5,000	404,700
1988-89	306,750	50,000	42,600	5,300	404,650
1989-90	272,380	45,000	44,700	5,300	367,380
1990-91	272,410	36,000	43,000	5,500	356,910
1991-92	289,655	45,000	40,100	5,900	380,655
1992-93	285,818	37,000	41,900	6,800	371,518
1993-94	283,029	37,000	46,400	7,100	373,529
1994-95	274,900	33,000	42,900	7,300	358,100
1995-96	265,500	34,000	44,300	7,300	351,100
1996-97	231,200	30,000	42,100	7,300	310,600
1997-98	231,850	32,000	42,500	7,400	313,750
1998-99	221,100	35,000	37,300	7,400	300,800
1999-00	223,250	27,000	29,500	7,700	287,450

**VEGETABLES, WATERMELONS, POTATOES, AND BERRIES:**

Value of production, Florida, crop years 1985-86 through 1999-00

Crop year	Value of production				
	Vegetables <sup>1/</sup>	Watermelons	Potatoes	Berries <sup>2/</sup>	Total
1,000 dollars					
1985-86	980,231	54,506	67,315	50,157	1,152,209
1986-87	1,107,614	69,774	113,859	67,062	1,358,309
1987-88	1,147,068	62,556	45,966	73,875	1,329,465
1988-89	1,325,550	45,050	128,323	92,188	1,591,111
1989-90	1,439,317	64,350	139,914	75,324	1,718,905
1990-91	1,353,302	80,767	163,964	84,876	1,682,909
1991-92	1,526,689	66,150	92,359	108,810	1,794,008
1992-93	1,568,095	66,600	128,194	122,613	1,775,502
1993-94	1,277,218	57,868	118,655	107,115	1,560,856
1994-95	1,241,345	62,700	84,010	123,658	1,511,713
1995-96	1,212,979	49,980	126,165	117,597	1,506,721
1996-97	1,197,516	54,750	109,771	151,159	1,513,196
1997-98	1,367,185	60,120	128,329	167,440	1,723,074
1998-99	1,228,997	72,450	126,220	157,675	1,585,342
1999-00	1,232,199	45,360	87,679	179,505	1,544,743

<sup>1/</sup> Vegetable crops include snap beans, cabbage, sweet corn, cucumbers, eggplant, lettuce, peppers, squash, tomatoes, radishes, spinach, other fresh and processing vegetables, and cantaloupes. <sup>2/</sup> Berries for years 1991-00 include strawberries and blueberries.

**SNAP BEANS:** Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		30-lb bushel	1,000 bushels	Dollars	1,000 dollars
1985-86	39,500	37,900	106	4,028	10.23	41,194
1986-87	35,100	34,000	127	4,321	11.46	49,536
1987-88	30,400	29,400	150	4,419	12.20	53,897
1988-89	28,200	25,900	138	3,568	14.85	52,977
1989-90	24,900	19,700	188	3,707	11.05	40,948
1990-91	21,750	20,950	178	3,729	13.54	50,495
1991-92	30,900	29,450	192	5,653	12.97	73,319
1992-93	28,800	27,200	174	4,746	14.85	70,466
1993-94	28,700	25,500	174	4,438	12.63	56,041
1994-95	34,200	31,600	170	5,367	12.07	64,780
1995-96	28,500	25,300	195	4,923	16.17	79,605
1996-97	32,900	30,300	138	4,176	14.71	61,411
1997-98	35,500	33,800	214	7,234	17.66	127,780
1998-99	32,000	31,300	278	8,685	13.20	114,650
1999-00	36,000	35,000	259	9,120	16.27	148,382

**SNAP BEANS:** Acreage and production for fresh market by areas,  
Florida, crop years 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				30-lb bushel		1,000 bushels	
West	500	600	500	600	190	201	95	121
North <sup>1/</sup>	5,700	5,200	5,500	5,000	250	265	1,375	1,325
West Central	1,500	1,900	1,500	1,900	304	276	456	524
Southeast <sup>2/</sup>	24,300	28,300	23,800	27,500	240	260	6,759	7,150
State	32,000	36,000	31,300	35,000	278	261	8,685	9,120
Oct - Dec	8,000	11,000	7,800	10,500	191	254	1,487	2,662
Jan - Jul	24,000	25,000	23,500	24,500	306	264	7,198	6,458

<sup>1/</sup> Includes North Central and East Central. <sup>2/</sup> Includes Southwest and Everglades.

**SNAP BEANS:** Acreage harvested for fresh market by selected counties,  
Florida, crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	Acres					
Alachua	1,800	1,400	2,000	2,200	1,900	2,000
Dade (bush)	15,000	12,400	15,000	16,500	16,000	17,000
Dade (pole)	2,200	1,900	2,000	2,000	1,500	1,500
Palm Beach	--	2,100	4,300	4,000	3,500	3,000
Other counties	12,600	7,500	7,000	9,100	8,400	11,500
State	31,600	25,300	30,300	33,800	31,300	35,000

**SNAP BEANS:** Production sold, for fresh market monthly, Florida,  
crop years 1995-96 through 1999-00

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 30-lb bushels										
1995-96	123	665	615	394	246	295	1,403	1,182	<sup>1/</sup>	4,923
1996-97	63	793	622	564	150	677	747	560	<sup>1/</sup>	4,176
1997-98	109	991	644	745	737	1,020	2,098	890	<sup>1/</sup>	7,234
1998-99	69	669	730	990	895	1,381	2,761	1,190	<sup>1/</sup>	8,685
1999-00	99	1,183	1,380	1,256	1,166	1,973	1,525	538	<sup>1/</sup>	9,120
Percent										
1995-96	2.5	13.5	12.5	8.0	5.0	6.0	28.5	24.0	<sup>1/</sup>	100.0
1996-97	1.5	19.0	14.9	13.5	3.6	16.2	17.9	13.4	<sup>1/</sup>	100.0
1997-98	1.5	13.7	8.9	10.3	10.2	14.1	29.0	12.3	<sup>1/</sup>	100.0
1998-99	0.8	7.7	8.4	11.4	10.3	15.9	31.8	13.7	<sup>1/</sup>	100.0
1999-00	1.1	13.0	15.1	13.8	12.8	21.6	16.7	5.9	<sup>1/</sup>	100.0

<sup>1/</sup> June combined with May.

**SNAP BEANS:** Average value per bushel for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
Dollars										
1995-96	12.00	15.15	16.02	21.12	21.66	21.27	14.58	15.09	<sup>1/</sup>	16.17
1996-97	14.82	12.84	12.72	15.00	26.31	12.66	17.85	14.46	<sup>1/</sup>	14.71
1997-98	12.93	17.37	10.71	22.44	21.12	20.64	17.67	13.26	<sup>1/</sup>	17.66
1998-99	11.28	18.60	11.22	13.14	14.37	13.80	11.88	13.02	<sup>1/</sup>	13.20
1999-00	20.58	25.44	21.63	12.48	14.88	13.11	13.74	11.91	<sup>1/</sup>	16.27

<sup>1/</sup> June combined with May.

**CABBAGE:** Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		50-lb crate	1,000 crates	Dollars	1,000 dollars
1985-86	18,850	14,400	409	5,891	4.53	26,714
1986-87	16,600	13,300	427	5,677	4.62	26,202
1987-88	17,100	15,600	421	6,560	4.51	29,559
1988-89	15,900	15,500	418	6,480	4.70	30,433
1989-90	14,300	12,900	430	5,548	6.95	38,575
1990-91	12,700	11,950	478	5,716	5.03	28,731
1991-92	13,000	12,300	467	5,745	5.41	31,100
1992-93	10,400	9,800	586	5,738	7.37	42,277
1993-94	9,900	9,300	632	5,882	5.30	31,196
1994-95	7,500	7,000	547	3,830	4.50	17,235
1995-96	8,900	8,500	589	5,010	5.55	27,799
1996-97	7,600	7,500	732	5,497	7.18	39,479
1997-98	7,600	7,500	533	3,994	6.52	26,039
1998-99	8,500	8,400	488	4,097	5.00	20,495
1999-00	8,200	7,900	507	4,007	5.04	20,210

**CABBAGE:** Production sold, monthly, Florida, crop  
years 1995-96 through 1999-00

Crop year	Nov <sup>1/</sup>	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 50-lb crates									
1995-96	<sup>2/</sup>	145	661	837	1,192	1,413	742	20	5,010
1996-97	16	291	1,012	1,127	1,578	1,171	280	22	5,497
1997-98	12	252	587	431	1,042	1,298	360	12	3,994
1998-99	4	430	811	820	1,266	733	29	4	4,097
1999-00	8	365	713	825	1,162	874	40	20	4,007
Percent									
1995-96	<sup>2/</sup>	2.9	13.2	16.7	23.8	28.2	14.8	0.4	100.0
1996-97	0.3	5.3	18.4	20.5	28.7	21.3	5.1	0.4	100.0
1997-98	0.3	6.3	14.7	10.8	26.1	32.5	9.0	0.3	100.0
1998-99	0.1	10.5	19.8	20.0	30.9	17.9	0.7	0.1	100.0
1999-00	0.2	9.1	17.8	20.6	29.0	21.8	1.0	0.5	100.0

<sup>1/</sup> Includes October shipments. <sup>2/</sup> Included in December shipments.

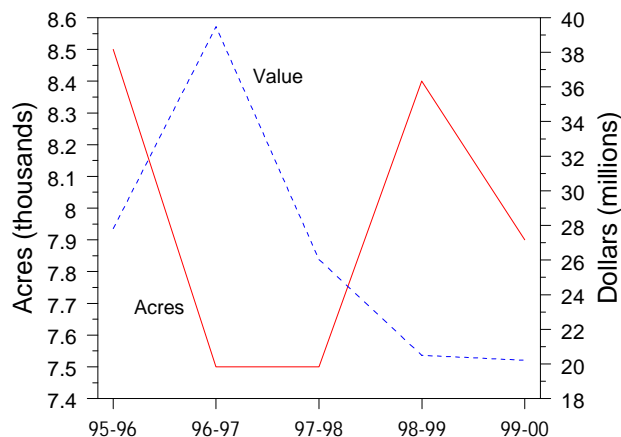
**CABBAGE:** Average value per crate for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
Dollars									
1995-96	--	5.95	6.00	4.95	5.22	5.70	6.00	5.50	5.55
1996-97	5.10	5.65	7.18	9.10	7.10	6.15	6.20	3.70	7.18
1997-98	6.00	7.10	7.15	7.55	6.90	5.60	6.07	6.90	6.52
1998-99	8.50	5.37	5.45	4.60	4.85	4.95	5.85	5.55	5.00
1999-00	5.26	5.52	5.20	4.95	4.73	5.15	5.85	6.20	5.04

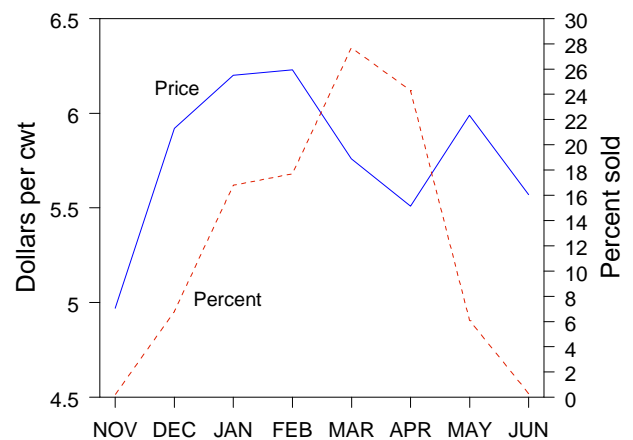
**CABBAGE:** Acreage harvested by selected counties, Florida,  
crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Acres						
Hastings	2,500	3,000	3,800	3,300	3,800	3,700
Other counties	4,500	5,500	3,700	4,200	4,600	4,200
State	7,000	8,500	7,500	7,500	8,400	7,900

CABBAGE: Harvested acreage and value of production,  
crop years 1995-96 through 1999-00



CABBAGE: Five-year average of monthly prices and percent sold, crop years 1995-96 through 1999-00



**SWEET CORN:** Acreage, production, and value, Florida,  
crop years 1990-91 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		42 lb-crates	1,000 crates	Dollars	1,000 dollars
1990-91	50,800	48,200	249	11,982	7.90	94,695
1991-92	52,800	50,100	243	12,181	6.38	77,688
1992-93	46,700	42,400	266	11,274	8.65	97,540
1993-94	45,600	44,200	296	13,091	8.35	109,258
1994-95	39,600	36,900	310	11,451	9.17	104,958
1995-96	42,200	42,000	302	12,692	7.84	99,560
1996-97	45,300	43,600	328	14,308	9.00	128,762
1997-98	42,700	41,300	356	14,689	7.51	110,351
1998-99	39,900	39,500	327	12,920	7.74	99,944
1999-00	41,100	36,900	353	13,019	7.79	101,463

**SWEET CORN:** Acreage and production by areas, Florida,  
crop years 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				42-lb crates		1,000 crates	
West & North	3,000	2,700	3,000	2,700	332	335	997	904
Central	4,450	2,900	4,450	2,500	284	271	1,265	678
Everglades	25,950	27,000	25,650	23,200	335	354	8,598	8,207
Southeast & Southwest	6,500	8,500	6,400	8,500	321	380	2,060	3,230
State	39,900	41,100	39,500	36,900	327	353	12,920	13,019
Sep thru Dec	5,800	5,100	5,600	3,900	243	267	1,360	1,040
Jan thru Jul	34,100	36,000	33,900	33,000	341	363	11,560	11,979

**SWEET CORN:** Acreage and production by areas, Florida,  
crop years 1996-97 and 1997-98

Areas	Planted		Harvested		Yield per acre		Production	
	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98
	Acres				42-lb crates		1,000 crates	
West & North	4,100	3,100	4,100	3,100	279	315	1,142	978
Central	9,150	9,400	8,850	8,700	317	335	2,806	2,918
Everglades	24,800	23,050	24,800	22,750	343	363	8,510	8,251
Southeast & Southwest	7,250	7,150	5,850	6,750	316	377	1,850	2,542
State	45,300	42,700	43,600	41,300	328	356	14,308	14,689
Sep thru Dec	7,600	6,900	7,500	6,600	295	323	2,210	2,135
Jan thru July	37,700	35,800	36,100	34,700	335	362	12,098	12,554



**SWEET CORN:** Production sold, monthly, Florida, crop  
years 1990-91 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 crates											
1990-91	1,078	827	982	539	252	443	1,642	4,098	1,809	312	11,982
1991-92	1,152	449	328	268	244	244	2,206	4,036	2,523	731	12,181
1992-93	169	475	487	472	236	590	1,179	4,128	3,066	472	11,274
1993-94	532	709	473	<sup>2/</sup>	810	1,080	3,200	4,225	2,062	<sup>3/</sup>	13,091
1994-95	479	664	263	228	114	457	2,854	4,794	1,370	228	11,451
1995-96	<sup>4/</sup>	521	1,010	257	385	385	1,283	5,772	2,822	257	12,692
1996-97	510	918	782	569	284	569	1,566	4,982	4,128	<sup>3/</sup>	14,308
1997-98	813	752	570	640	640	943	3,500	4,700	2,131	<sup>3/</sup>	14,689
1998-99	<sup>4/</sup>	458	902	401	610	880	4,772	4,269	628	<sup>3/</sup>	12,920
1999-00	<sup>4/</sup>	551	489	282	751	1,783	3,723	5,154	286	<sup>3/</sup>	13,019
Percent											
1990-91	9.0	6.9	8.2	4.5	2.1	3.7	13.7	34.2	15.1	2.6	100.0
1991-92	9.5	3.7	2.7	2.2	2.0	2.0	18.1	33.1	20.7	6.0	100.0
1992-93	1.5	4.2	4.3	4.2	2.1	5.2	10.5	36.6	27.2	4.2	100.0
1993-94	4.1	5.4	3.6	<sup>2/</sup>	6.2	8.2	24.4	32.3	15.8	<sup>3/</sup>	100.0
1994-95	4.2	5.8	2.3	2.0	1.0	4.0	24.9	41.8	12.0	2.0	100.0
1995-96	<sup>4/</sup>	4.1	8.0	2.0	3.0	3.0	10.1	45.6	22.2	2.0	100.0
1996-97	3.6	6.4	5.5	4.0	2.0	4.0	10.9	34.7	28.9	<sup>3/</sup>	100.0
1997-98	5.5	5.1	3.9	4.4	4.4	6.4	23.8	32.0	14.5	<sup>3/</sup>	100.0
1998-99	<sup>4/</sup>	3.5	7.0	3.1	4.7	6.8	37.0	33.0	4.9	<sup>3/</sup>	100.0
1999-00	<sup>4/</sup>	4.2	3.8	2.2	5.8	13.7	28.6	39.5	2.2	<sup>3/</sup>	100.0

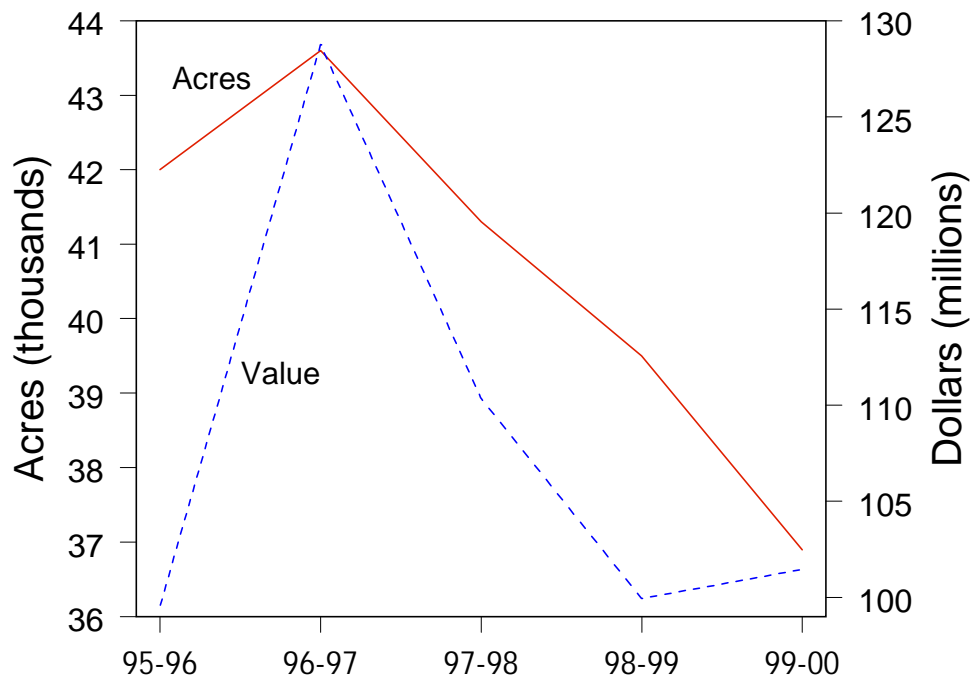
<sup>1/</sup> September included with October. <sup>2/</sup> January included with February. <sup>3/</sup> July included with June. <sup>4/</sup> September and October included with November.

**SWEET CORN:** Average monthly value per crate for fresh market sales,  
Florida, crop years 1990-91 through 1999-00

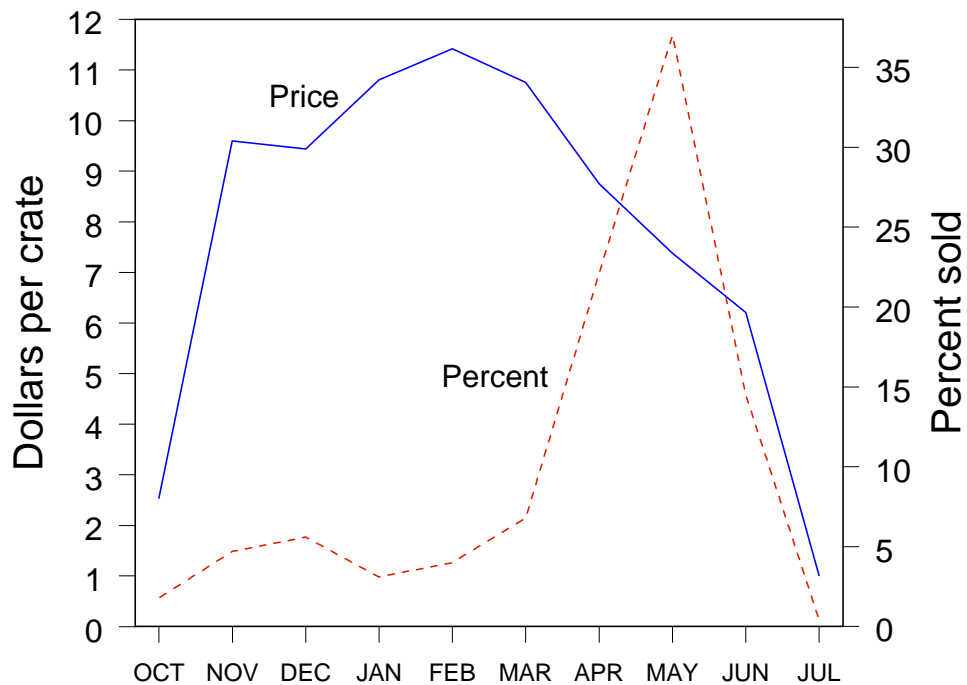
Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
Dollars											
1990-91	6.09	7.81	5.54	6.68	6.26	12.52	8.95	8.19	8.11	8.06	7.90
1991-92	8.23	7.85	7.43	11.05	9.20	11.84	6.80	6.05	4.49	4.62	6.38
1992-93	10.58	9.49	9.49	9.79	16.46	10.58	9.87	8.74	6.97	5.80	8.65
1993-94	11.55	7.48	9.58	<sup>2/</sup>	7.14	9.58	7.73	8.57	7.87	<sup>3/</sup>	8.35
1994-95	8.25	7.92	10.35	10.50	18.77	11.68	6.93	10.71	7.77	6.01	9.17
1995-96	<sup>4/</sup>	10.84	9.66	12.56	12.68	12.14	9.24	7.39	5.50	5.04	7.84
1996-97	6.97	7.94	7.06	12.18	10.84	14.24	11.09	9.24	7.48	<sup>3/</sup>	9.00
1997-98	5.75	7.60	7.98	7.85	13.27	10.16	8.23	6.85	5.33	<sup>3/</sup>	7.51
1998-99	<sup>4/</sup>	9.41	5.42	8.23	9.79	9.16	7.94	7.27	7.22	<sup>3/</sup>	7.74
1999-00	<sup>4/</sup>	12.22	17.09	13.23	10.54	8.11	7.27	6.13	5.54	<sup>3/</sup>	7.79

<sup>1/</sup> September included with October. <sup>2/</sup> January included with February. <sup>3/</sup> July included with June. <sup>4/</sup> September and October included with November.

SWEET CORN: Harvested acreage and value of production,  
crop years 1995-96 through 1999-00



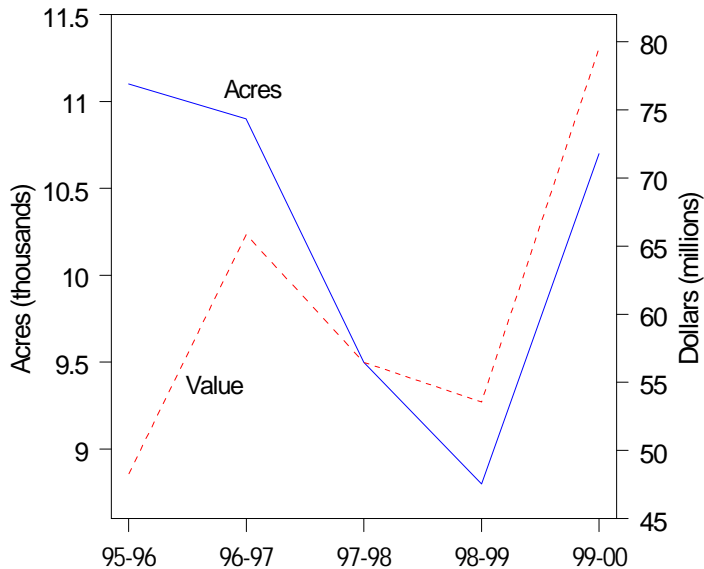
SWEET CORN: Five-year average of monthly prices and percent  
sold, crop years 1995-96 through 1999-00



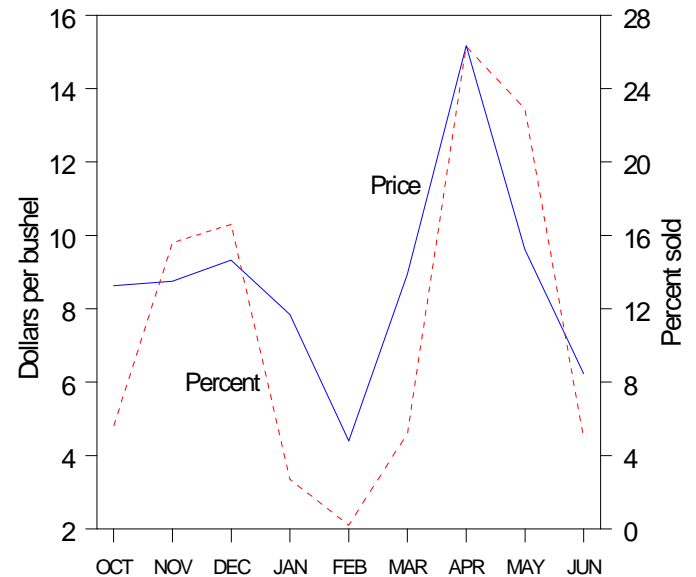
**CUCUMBERS:** Acreage and yield, Florida, crop years  
1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per bushel	Total value
	Planted	Harvested				
	Acres		55-lb bushel	1,000 bushels	Dollars	1,000 dollars
1985-86	17,900	16,900	310	5,239	6.86	35,920
1986-87	17,200	16,100	324	5,224	9.37	48,974
1987-88	15,600	14,850	385	5,717	9.58	54,778
1988-89	15,250	13,900	450	6,255	9.89	61,837
1989-90	14,700	13,700	464	6,362	9.73	61,873
1990-91	14,550	13,950	504	7,030	11.16	78,489
1991-92	17,400	16,500	552	9,105	9.71	88,372
1992-93	15,800	15,200	505	7,679	8.43	64,767
1993-94	12,400	11,300	489	5,528	9.77	53,993
1994-95	13,800	13,200	420	5,541	7.53	41,749
1995-96	11,800	11,100	479	5,318	9.07	48,253
1996-97	11,200	10,900	529	5,768	11.42	65,852
1997-98	9,800	9,500	533	5,061	11.16	56,476
1998-99	8,900	8,800	579	5,091	10.52	53,565
1999-00	10,800	10,700	694	7,424	10.72	79,569

FRESH MARKET CUCUMBERS: Harvested acreage and value of production, crop years 1995-96 through 1999-00



FRESH MARKET CUCUMBERS: Five-year average of monthly prices and percent sold, crop years 1995-96 through 1999-00



**CUCUMBERS:** Production sold, monthly, Florida, crop  
years 1990-91 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Total
1,000 55-lb bushels										
1990-91	603	1,285	772	385	178	476	1,614	1,563	154	7,030
1991-92	865	1,601	1,074	310	145	921	1,735	2,027	427	9,105
1992-93	459	832	1,188	411	209	483	1,096	2,403	598	7,679
1993-94	489	590	339	431	194	532	1,510	1,236	207	5,528
1994-95	650	1,140	267	107	<sup>3/</sup>	322	1,501	1,447	107	5,541
1995-96	353	941	764	342	<sup>3/</sup>	195	486	1,751	486	5,318
1996-97	260	681	1,003	210	<sup>3/</sup>	673	1,218	1,218	505	5,768
1997-98	310	785	1,056	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	1,408	1,361	141	5,061
1998-99	330	896	580	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	2,479	806	<sup>5/</sup>	5,091
1999-00	304	1,158	1,403	267	67	794	1,849	1,322	260	7,424
Percent										
1990-91	8.6	18.3	11.0	5.5	2.5	6.8	22.9	22.2	2.2	100.0
1991-92	9.5	17.6	11.8	3.4	1.6	10.1	19.1	22.2	4.7	100.0
1992-93	6.0	10.8	15.5	5.4	2.7	6.3	14.3	31.3	7.7	100.0
1993-94	8.8	10.7	6.1	7.8	3.5	9.6	27.3	22.4	3.8	100.0
1994-95	11.7	20.6	4.8	1.9	<sup>3/</sup>	5.8	27.1	26.2	1.9	100.0
1995-96	6.6	17.7	14.4	6.4	<sup>3/</sup>	3.7	9.1	32.9	9.2	100.0
1996-97	4.5	11.8	17.4	3.6	<sup>3/</sup>	11.7	21.1	21.1	8.8	100.0
1997-98	6.1	15.5	20.9	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	27.8	26.9	2.8	100.0
1998-99	6.5	17.6	11.4	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	48.7	15.8	<sup>5/</sup>	100.0
1999-00	4.1	15.6	18.9	3.6	0.9	10.7	24.9	17.8	3.5	100.0

<sup>1/</sup> Includes September. <sup>2/</sup> Includes July. <sup>3/</sup> February included with January. <sup>4/</sup> January, February, and March included with April. <sup>5/</sup> June included with May.

**CUCUMBERS:** Average value per bushel for fresh market sales, monthly,  
Florida, crop years 1990-91 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Average
Dollars per 55 lb. bushel										
1990-91	5.45	8.60	9.50	14.30	13.80	21.00	11.60	11.90	10.00	11.16
1991-92	6.73	7.37	8.42	17.27	19.91	16.78	10.40	8.64	5.78	9.71
1992-93	6.66	5.56	7.87	10.07	12.38	13.92	12.27	7.26	5.67	8.43
1993-94	8.31	23.38	19.09	7.59	7.92	5.83	5.16	9.40	11.44	9.77
1994-95	8.03	9.03	8.58	31.02	<sup>3/</sup>	7.21	5.35	6.66	5.73	7.53
1995-96	6.73	6.46	7.05	14.74	<sup>3/</sup>	20.41	19.97	6.55	8.64	9.07
1996-97	12.16	11.39	9.90	8.64	<sup>3/</sup>	8.58	15.29	12.16	7.92	11.42
1997-98	6.16	9.52	10.73	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	16.89	7.65	11.11	11.16
1998-99	7.92	8.36	10.34	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	11.22	11.94	<sup>5/</sup>	10.52
1999-00	10.20	8.00	8.60	15.80	22.00	15.70	12.50	9.80	3.50	10.72

<sup>1/</sup> Includes September. <sup>2/</sup> Includes July. <sup>3/</sup> February included with January. <sup>4/</sup> January, February, and March included with April. <sup>5/</sup> June included with May.

**CUCUMBERS:** Acreage and production for fresh market by areas,  
crop years Florida, 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				55-lb bushel		1,000 bushels	
North <sup>1/</sup>	1,200	1,350	1,200	1,300	598	600	717	780
Central	3,350	4,750	3,300	4,700	649	760	2,142	3,572
Southwest	2,100	2,300	2,100	2,300	380	480	798	1,104
Southeast	2,250	2,400	2,200	2,400	652	820	1,434	1,968
State	8,900	10,800	8,800	10,700	579	694	5,091	7,424
Sep-Dec	3,500	5,400	3,500	5,400	516	527	1,806	2,844
Jan-Jun	5,400	5,400	5,300	5,300	620	864	3,285	4,580

<sup>1/</sup> Includes West.

**CUCUMBERS:** Acreage and production for fresh market by areas,  
crop years Florida, 1996-97 and 1997-98

Areas	Planted		Harvested		Yield per acre		Production	
	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98
	Acres				55-lb bushel		1,000 bushels	
North <sup>1/</sup>	1,250	1,150	1,250	1,150	399	531	499	611
Central	3,350	3,400	3,350	3,300	555	655	1,859	2,160
Southwest	2,450	2,200	2,300	2,150	389	404	895	868
Southeast	4,150	3,050	4,000	2,900	629	490	2,515	1,422
State	11,200	9,800	10,900	9,500	529	533	5,768	5,061
Sep-Dec	4,200	3,900	4,200	3,900	463	552	1,944	2,151
Jan-Jun	7,000	5,900	6,700	5,600	571	520	3,824	2,910

<sup>1/</sup> Includes West.

**CUCUMBERS:** Acreage harvested for fresh market by selected counties,  
Florida, crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	Acres					
Collier	725	700	450	550	650	750
Dade	<sup>1/</sup>	200	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>
Hardee	<sup>1/</sup>	<sup>1/</sup>	1,000	1,500	1,000	1,000
Hendry	1,600	1,350	1,300	1,100	1,000	1,000
Hillsborough	<sup>1/</sup>	<sup>1/</sup>	500	800	900	900
Lee	<sup>1/</sup>	500	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	500
Manatee	1,800	1,200	850	450	600	1,200
Martin	<sup>1/</sup>	<sup>1/</sup>	1,000	650	<sup>1/</sup>	<sup>1/</sup>
Palm Beach (East)	4,300	2,400	2,600	2,200	2,100	2,000
Other counties	4,775	4,750	3,200	2,250	2,550	3,350
State	13,200	11,100	10,900	9,500	8,800	10,700

<sup>1/</sup> Not published to avoid disclosure of individual operations.

**EGGPLANT:** Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per bushel	Total value
	Planted	Harvested				
	Acres		33-lb bushel	1,000 bushels	Dollars	1,000 dollars
1985-86	2,500	2,350	675	1,586	5.73	9,093
1986-87	2,400	2,300	689	1,585	6.08	9,634
1987-88	2,200	2,100	668	1,403	7.31	10,253
1988-89	2,100	2,000	810	1,619	7.05	11,413
1989-90	2,050	1,950	815	1,589	8.52	13,537
1990-91	2,050	1,950	806	1,571	8.26	12,974
1991-92	2,650	2,550	853	2,174	7.91	17,186
1992-93	2,200	2,000	737	1,474	7.57	11,164
1993-94	2,500	2,400	834	2,001	9.35	18,717
1994-95	2,350	2,300	652	1,500	9.00	13,500
1995-96	2,400	2,400	639	1,533	9.02	13,828
1996-97	2,400	2,400	707	1,696	8.63	14,629
1997-98	2,200	2,200	773	1,700	9.32	15,842
1998-99	2,000	2,000	811	1,622	10.35	16,788
1999-00	1,800	1,800	842	1,515	10.02	15,180

**EGGPLANT:** Production sold, monthly, Florida, crop  
years 1995-96 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Total
	1,000 33-lb bushels									
1995-96	48	143	206	160	80	96	144	336	320	1,533
1996-97	80	160	224	109	72	236	290	362	163	1,696
1997-98	91	199	290	208	80	80	128	352	272	1,700
1998-99	80	160	240	261	180	196	180	211	114	1,622
1999-00	84	164	245	188	116	82	189	319	128	1,515
	Percent									
1995-96	3.1	9.3	13.4	10.5	5.2	6.3	9.4	21.9	20.9	100.0
1996-97	4.7	9.4	13.2	6.4	4.3	13.9	17.1	21.4	9.6	100.0
1997-98	5.4	11.7	17.1	12.2	4.7	4.7	7.5	20.7	16.0	100.0
1998-99	4.9	9.8	14.8	16.1	11.1	12.1	11.1	13.1	7.0	100.0
1999-00	5.5	10.8	16.2	12.4	7.7	5.4	12.5	21.1	8.4	100.0

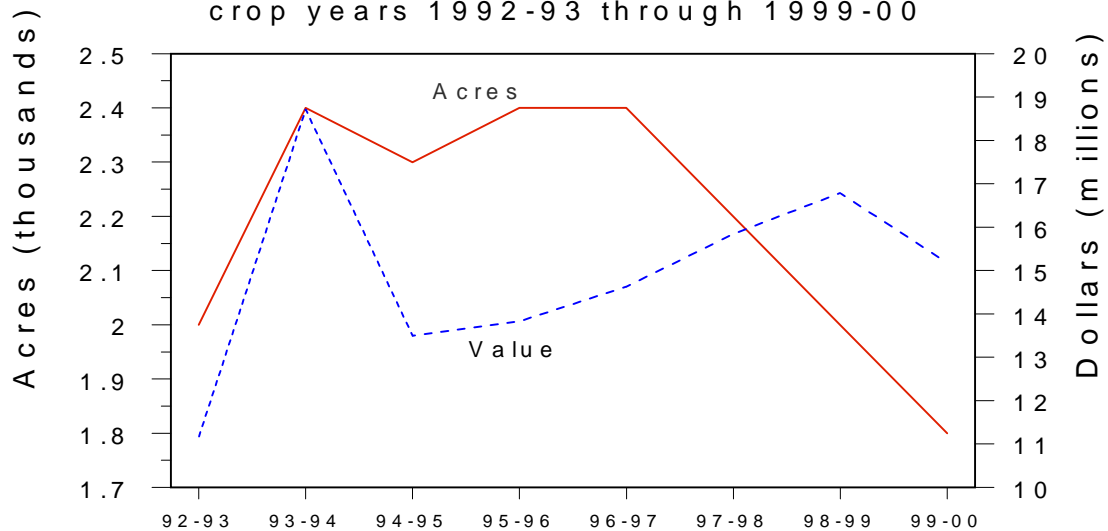
<sup>1/</sup> September included with October. <sup>2/</sup> July included with June.

**EGGPLANT:** Average value per bushel for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

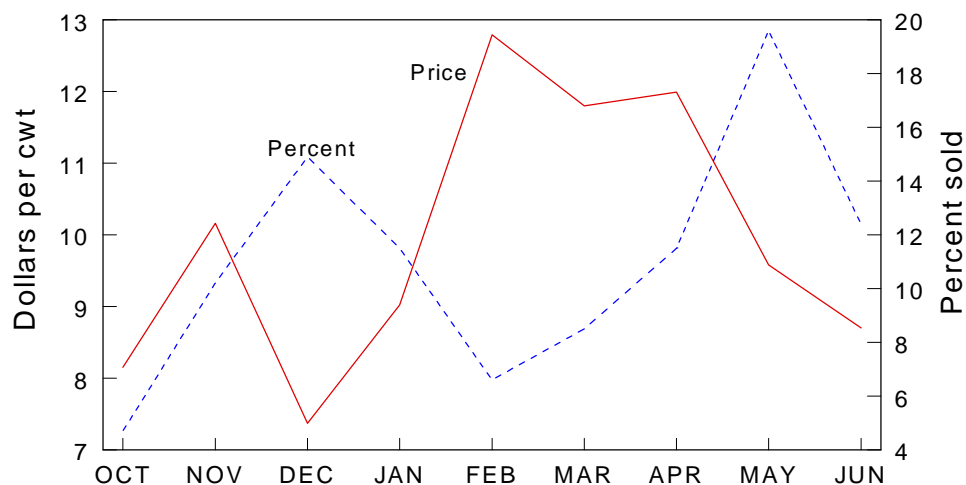
Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Average
Dollars										
1995-96	9.17	8.48	5.05	8.18	9.70	10.54	13.55	11.07	7.45	9.02
1996-97	8.07	9.63	6.55	9.01	12.20	10.77	7.81	7.60	9.58	8.63
1997-98	4.12	8.03	8.86	12.67	18.48	11.44	17.77	4.94	8.29	9.32
1998-99	10.63	12.14	7.39	5.91	10.40	12.77	10.56	15.35	10.26	10.35
1999-00	8.78	12.51	9.01	9.34	13.17	13.50	10.23	8.94	7.92	10.02

<sup>1/</sup> September included with October. <sup>2/</sup> July included with June.

**EGGPLANT:** Harvested acreage and value of production,  
crop years 1992-93 through 1999-00



**EGGPLANT:** Five-year average of monthly prices and percent  
sold, crop years 1995-96 through 1999-00







**BELL PEPPERS:** Production sold, monthly, Florida, crop  
years 1990-91 through 1999-00 <sup>1/</sup>

Crop year	Oct <sup>2/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>3/</sup>	Total
1,000 28-lb bushels										
1990-91	199	1,228	2,041	2,093	1,333	1,999	2,704	2,380	381	14,358
1991-92	530	2,254	3,802	2,073	1,896	2,933	3,639	3,594	1,345	22,066
1992-93	602	1,722	2,596	2,697	2,570	2,489	2,278	2,489	545	17,988
1993-94	946	2,752	4,134	2,287	2,732	3,502	4,129	2,813	405	23,700
1994-95	205	1,850	2,638	1,477	1,641	1,641	3,283	3,283	<sup>4/</sup>	16,018
1995-96	300	1,980	3,270	2,343	1,562	1,757	2,928	3,905	976	19,021
1996-97	812	5,030	2,544	1,437	1,315	2,477	4,752	3,284	497	22,148
1997-98	867	2,677	3,801	2,276	1,706	1,896	3,359	3,135	448	20,165
1998-99	990	3,300	4,036	2,486	1,864	2,640	3,630	2,674	<sup>4/</sup>	21,620
1999-00	315	2,826	3,719	1,673	1,673	3,530	3,942	4,223	<sup>4/</sup>	21,901
Percent										
1990-91	1.4	8.6	14.2	14.6	9.3	13.9	18.8	16.6	2.6	100.0
1991-92	2.4	10.2	17.2	9.4	8.6	13.3	16.5	16.3	6.1	100.0
1992-93	3.3	9.6	14.4	15.0	14.3	13.8	12.8	13.8	3.0	100.0
1993-94	4.0	11.6	17.4	9.6	11.5	14.8	17.5	11.9	1.7	100.0
1994-95	1.3	11.5	16.5	9.3	10.2	10.2	20.5	20.5	<sup>4/</sup>	100.0
1995-96	1.6	10.4	17.2	12.3	8.2	9.2	15.4	20.6	5.1	100.0
1996-97	3.7	22.7	11.5	6.5	5.9	11.2	21.5	14.8	2.2	100.0
1997-98	4.3	13.3	18.8	11.3	8.5	9.4	16.7	15.5	2.2	100.0
1998-99	4.6	15.3	18.6	11.5	8.6	12.2	16.8	12.4	<sup>4/</sup>	100.0
1999-00	1.4	12.9	17.1	7.6	7.6	16.1	18.0	19.3	<sup>4/</sup>	100.0

<sup>1/</sup> The 1990-91 crops include a small amount of other varieties. <sup>2/</sup> Includes September. <sup>3/</sup> Includes July. <sup>4/</sup> June included with May.

**BELL PEPPERS:** Average value per bushel for fresh market sales, monthly,  
Florida, crop years 1990-91 through 1999-00 <sup>1/</sup>

Crop year	Oct <sup>2/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>3/</sup>	Average
Dollars per bushel										
1990-91	13.80	12.30	9.10	8.70	11.60	12.50	13.50	15.90	11.00	12.09
1991-92	7.43	6.98	5.69	9.30	15.96	17.08	9.80	5.88	8.12	9.45
1992-93	8.76	8.68	8.51	7.42	9.55	9.86	15.51	10.56	6.89	9.83
1993-94	9.44	10.70	10.42	10.34	7.87	8.09	8.37	9.72	7.45	9.28
1994-95	13.13	12.81	12.39	15.82	14.17	16.52	10.62	7.63	<sup>4/</sup>	12.03
1995-96	10.19	10.14	6.24	9.60	11.20	12.99	9.91	10.50	9.50	9.76
1996-97	8.01	11.20	7.00	11.79	10.81	11.00	9.21	9.80	8.99	9.91
1997-98	12.82	12.12	18.23	11.26	12.52	13.24	15.46	11.68	5.91	13.70
1998-99	10.67	12.91	13.55	9.02	9.69	11.62	9.83	10.37	<sup>4/</sup>	11.21
1999-00	12.12	12.04	8.88	11.82	10.84	12.46	11.84	8.16	<sup>4/</sup>	10.68

<sup>1/</sup> The 1990-91 crops include a small amount of other varieties. <sup>2/</sup> Includes September. <sup>3/</sup> Includes July. <sup>4/</sup> June included with May.

**BELL PEPPERS:** Acreage and production by areas, Florida,  
crop years 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				28-lb bushel		1,000 bushels	
North <sup>1/</sup>	650	<sup>2/</sup> 550	<sup>2/</sup> 550		845	<sup>2/</sup> 465	<sup>2/</sup> 465	
Central	5,100	5,300	5,050	5,300	936	1,028	4,725	5,446
Southwest	7,350	7,150	7,300	7,150	1,048	1,005	7,649	7,183
Southeast	6,100	6,150	6,100	5,650	1,440	1,641	8,781	9,272
State	19,200	18,600	19,000	18,100	1,138	1,210	21,620	21,901
Sep thru Dec	7,700	7,500	7,500	7,000	1,110	980	8,326	6,860
Jan thru Jul	11,500	11,100	11,500	11,100	1,156	1,355	13,294	15,041

<sup>1/</sup> Includes West. <sup>2/</sup> North included with Central.

**BELL PEPPERS:** Acreage and production by areas, Florida,  
crop years 1996-97 and 1997-98

Areas	Planted		Harvested		Yield per acre		Production	
	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98
	Acres				28-lb bushel		1,000 bushels	
North <sup>1/</sup>	800	500	750	500	836	738	627	369
Central	5,700	5,250	5,600	5,150	980	875	5,489	4,504
Southwest	7,100	6,850	6,850	6,850	1,120	1,145	7,672	7,840
Southeast	6,700	6,400	6,600	6,300	1,267	1,183	8,360	7,452
State	20,300	19,000	19,800	18,800	1,119	1,073	22,148	20,165
Sep thru Dec	7,400	7,300	7,300	7,200	1,149	1,020	8,386	7,345
Jan thru Jul	12,900	11,700	12,500	11,600	1,101	1,105	13,762	12,820

<sup>1/</sup> Includes West.

**BELL PEPPERS:** Acreage harvested by selected counties, Florida,  
crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	Acres					
Collier	4,075	3,060	3,800	1,700	2,200	2,400
Dade	300	250	300	300	<sup>1/</sup>	<sup>1/</sup>
Hendry	2,760	4,405	2,400	3,900	4,400	4,400
Hillsborough	950	1,125	1,150	900	825	825
Lee	1,265	<sup>1/</sup>	625	700	<sup>1/</sup>	<sup>1/</sup>
Manatee	2,450	1,925	3,300	2,700	2,800	2,700
Martin	600	1,300	1,350	1,750	1,285	1,500
Palm Beach (East)	6,000	5,600	4,510	4,200	4,700	4,000
Other counties	1,900	2,635	2,365	2,650	2,790	2,275
State	20,300	20,300	19,800	18,800	19,000	18,100

<sup>1/</sup> Included in other counties to avoid disclosure of individual operations.

**POTATOES:** Acreage, production and value, Florida,  
crop years 1986 through 2000

Crop year	Acreage		Yield per acre	Production	Production sold	Value per cwt	Value of sales
	Planted	Harvested					
	Acres		Cwt	1,000 cwt		Dollars	1,000 dollars
<b>WINTER:</b>							
1995	8,300	6,900	170	1,173	1,166	23.30	27,168
1996	8,800	8,800	210	1,848	1,837	24.60	45,190
1997	9,600	9,400	200	1,880	1,867	16.90	31,552
1998	8,500	8,000	180	1,440	1,431	30.50	43,646
1999	9,600	9,300	200	1,860	1,849	24.70	45,670
2000	8,200	8,000	260	2,080	2,068	17.10	35,363
<b>SPRING (HASTINGS):</b> <sup>1/</sup>							
1995	28,500	27,000	220	5,940	5,916	5.90	34,904
1996	28,500	27,500	230	6,325	6,299	9.50	59,841
1997	24,900	23,900	220	5,258	5,236	10.70	56,025
1998	25,500	24,500	235	5,758	5,734	10.70	61,354
1999	21,500	21,000	330	6,930	6,901	7.95	54,862
2000	17,200	16,500	295	4,868	4,848	7.20	34,906
<b>SPRING (OTHER):</b> <sup>2/</sup>							
1995	10,000	9,000	210	1,890	1,875	11.70	21,938
1996	9,500	8,000	180	1,440	1,428	14.80	21,134
1997	9,000	8,800	215	1,892	1,880	11.80	22,184
1998	10,300	10,000	160	1,600	1,587	14.70	23,329
1999	7,300	7,000	270	1,890	1,875	13.70	25,688
2000	5,100	5,000	295	1,475	1,463	11.90	17,410
<b>ALL SEASONS:</b>							
1986	33,400	32,600	262	8,543	8,505	7.90	67,315
1987	36,500	35,700	196	6,987	6,954	16.40	113,859
1988	36,900	36,100	226	8,173	8,134	5.65	45,966
1989	43,600	42,600	195	8,304	8,261	15.50	128,323
1990	45,500	44,700	219	9,792	9,742	14.40	139,914
1991	43,700	43,000	188	8,082	8,039	20.40	163,964
1992	41,200	40,100	234	9,370	9,323	9.90	92,359
1993	44,700	41,900	181	7,580	7,580	17.00	128,194
1994	47,600	46,400	215	9,992	9,939	11.90	118,655
1995	46,800	42,900	210	9,003	8,957	9.40	84,010
1996	46,800	44,300	217	9,613	9,564	13.20	126,165
1997	43,500	42,100	214	9,030	8,983	12.20	109,761
1998	44,300	42,500	207	8,798	8,752	14.70	128,329
1999	38,400	37,300	286	10,680	10,625	11.88	126,220
2000	30,500	29,500	286	8,423	8,379	10.46	87,679

<sup>1/</sup> Includes Flagler, Putnam, and St. Johns' counties. <sup>2/</sup> Includes all other counties in west, north, and central areas.

**POTATOES:** Production sold, monthly, Florida,  
crop years 1996 through 2000

Crop year	Jan	Feb	Mar	Apr	May	Jun <sup>1/</sup>	Total
1,000 cwt							
1996	19	182	564	1,368	4,964	2,467	9,564
1997	--	503	809	2,506	4,455	710	8,983
1998	43	415	673	1,413	4,674	1,534	8,752
1999	18	425	1,246	2,069	5,024	1,843	10,625
2000	<sup>2/</sup>	403	982	1,517	4,148	1,329	8,379
Percent							
1996	0.2	1.9	5.9	14.3	51.9	25.8	100.0
1997	--	5.6	9.0	27.9	49.6	7.9	100.0
1998	0.5	4.7	7.7	16.2	53.4	17.5	100.0
1999	0.2	4.0	11.7	19.5	47.3	17.3	100.0
2000	<sup>2/</sup>	4.8	11.7	18.1	49.5	15.9	100.0

<sup>1/</sup> Includes small quantities sold in July. <sup>2/</sup> January included with February.

**POTATOES:** Average value per cwt for all sales, monthly,  
Florida, crop years 1996 through 2000

Crop year	Jan	Feb	Mar	Apr	May	Jun <sup>1/</sup>	Average
Dollars							
1996	29.70	26.80	23.90	18.65	9.70	9.60	13.20
1997	--	24.00	14.90	11.30	11.00	11.50	12.20
1998	33.00	31.50	30.00	16.60	10.75	13.20	14.70
1999	32.70	25.80	22.85	14.35	8.10	8.55	11.88
2000	<sup>2/</sup>	21.90	16.00	11.70	8.40	7.90	10.46

<sup>1/</sup> Includes small quantities sold in July. <sup>2/</sup> January included with February.

**POTATOES:** Acreage harvested by selected counties,  
Florida, crop years 1995 through 2000

Counties	1995	1996	1997	1998	1999	2000
Acres						
Dade	3,100	4,600	5,600	5,000	3,900	2,900
Flagler	2,000	2,500	2,800	2,600	1,500	900
Putnam	5,000	4,000	3,700	3,700	3,100	2,400
St. Johns	20,000	21,000	17,400	18,200	16,400	13,200
Other counties	12,800	12,200	12,600	13,000	12,400	10,100
Winter total	6,900	8,800	9,400	8,000	9,300	8,000
Spring total	36,000	35,500	37,700	34,500	28,000	21,500
State total	42,900	44,300	42,100	42,500	37,300	29,500

**RADISHES:** Acreage, production, and value, Florida,  
crop years 1990-91 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per carton	Total value
	Planted	Harvested				
	Acres		15-lb carton	1,000 cartons	Dollars	1,000 dollars
1990-91	26,100	25,000	285	7,125	4.95	35,269
1991-92	24,900	22,800	269	6,130	3.52	21,578
1992-93	24,900	23,800	261	6,212	5.95	36,961
1993-94	18,000	17,400	273	4,750	5.45	25,888
1994-95	19,200	15,700	256	4,019	5.94	23,873
1995-96	13,700	12,400	390	4,836	4.14	20,021
1996-97	13,500	11,300	340	3,842	4.95	19,018
1997-98	13,000	11,200	299	3,348	5.62	18,816
1998-99	8,500	7,100	374	2,655	7.40	19,647
1999-00	8,850	7,850	455	3,573	7.07	25,253

**RADISHES:** Production sold, monthly, Florida, crop  
years 1995-96 through 1999-00

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
	1,000 15-lb cartons									
1995-96	15	164	1,199	532	624	754	774	672	102	4,836
1996-97	61	449	634	519	465	642	515	538	19	3,842
1997-98	57	452	409	532	492	499	368	449	90	3,348
1998-99	11	202	345	491	401	485	489	218	13	2,655
1999-00	14	182	711	726	575	425	500	422	18	3,573
	Percent									
1995-96	0.3	3.4	24.8	11.0	12.9	15.6	16.0	13.9	2.1	100.0
1996-97	1.6	11.7	16.5	13.5	12.1	16.7	13.4	14.0	0.5	100.0
1997-98	1.7	13.5	12.2	15.9	14.7	14.9	11.0	13.4	2.7	100.0
1998-99	0.4	7.6	13.0	18.5	15.1	18.3	18.4	8.2	0.5	100.0
1999-00	0.4	5.1	19.9	20.3	16.1	11.9	14.0	11.8	0.5	100.0

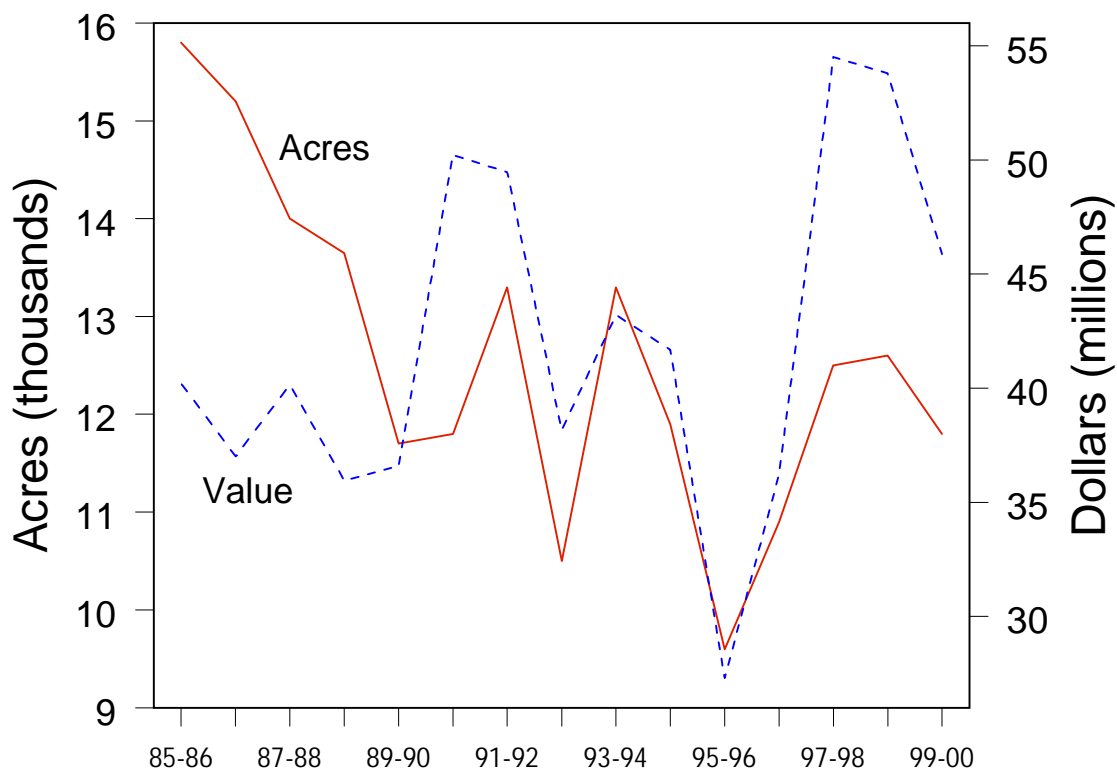
**RADISHES:** Average value per carton for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
	Dollars									
1995-96	6.90	7.50	3.70	4.30	3.00	3.40	3.40	6.20	7.30	4.14
1996-97	5.70	5.45	5.00	4.50	4.50	4.00	3.90	7.20	8.90	4.95
1997-98	6.60	5.40	5.50	5.20	5.20	4.30	4.30	8.60	9.00	5.62
1998-99	4.20	9.70	11.65	8.15	5.90	3.85	6.75	9.05	8.15	7.40
1999-00	4.50	9.00	8.00	6.40	6.80	4.30	6.05	10.20	8.70	7.07

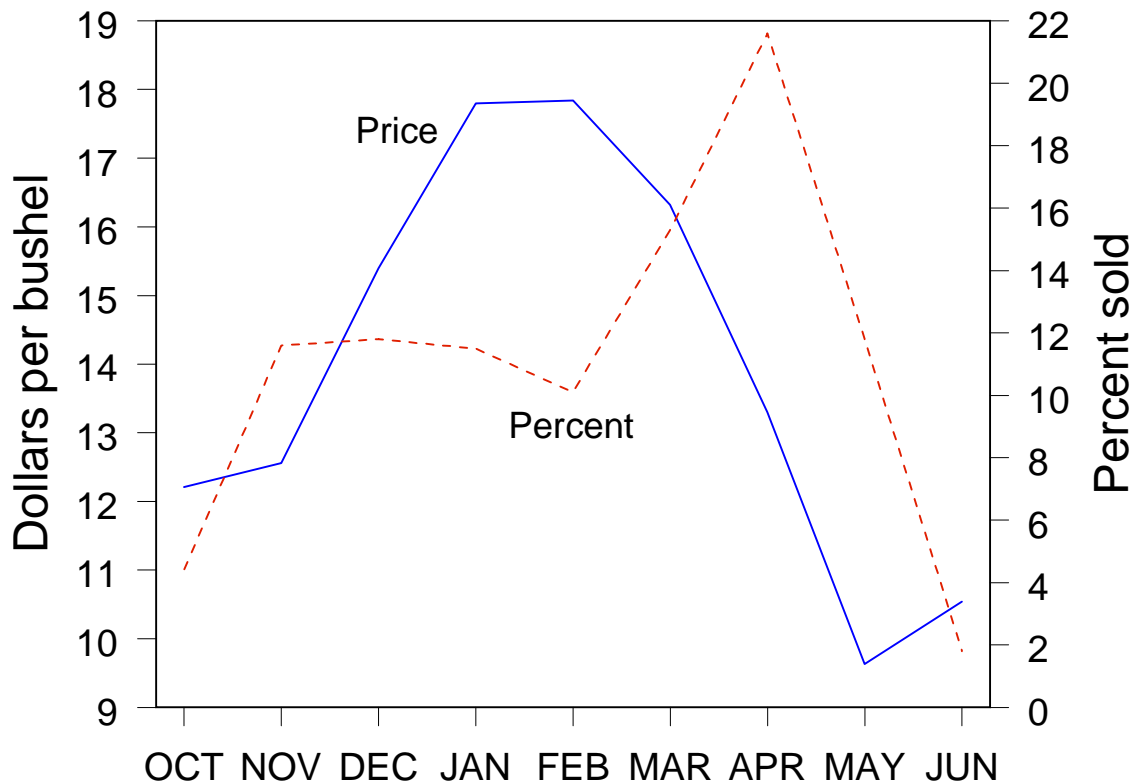
**SQUASH: Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00**

Crop year	Acreage		Yield per acre	Production	Value per bushel	Total value
	Planted	Harvested				
	Acres		42-lb bushel	1,000 bushels	Dollars	1,000 dollars
1985-86	16,700	15,800	202	3,192	12.60	40,219
1986-87	16,100	15,200	198	3,010	12.30	37,023
1987-88	14,700	14,000	243	3,402	11.80	40,144
1988-89	15,200	13,650	277	3,785	9.50	35,958
1989-90	13,600	11,700	340	3,978	9.20	36,598
1990-91	12,500	11,800	320	3,776	13.30	50,221
1991-92	14,300	13,300	346	4,602	10.75	49,472
1992-93	11,200	10,500	335	3,518	10.85	38,170
1993-94	13,800	13,300	342	4,549	9.50	43,216
1994-95	12,500	11,900	264	3,142	13.27	41,686
1995-96	10,800	9,600	210	2,016	13.54	27,297
1996-97	11,400	10,900	285	3,107	11.66	36,228
1997-98	13,000	12,500	255	3,188	17.10	54,515
1998-99	13,000	12,600	280	3,528	15.25	53,802
1999-00	12,100	11,800	293	3,453	13.29	45,880

**SQUASH: Harvested acreage and value of production,  
crop years 1985-86 through 1999-00**



**SQUASH: Five-year average of monthly prices and percent sold, crop years 1995-96 through 1999-00**



**SQUASH: Production sold, by month, Florida, crop years 1995-96 through 1999-00**

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 42-lb bushels										
1995-96	48	171	333	174	169	226	377	409	109	2,016
1996-97	162	447	354	326	158	603	684	336	37	3,107
1997-98	229	504	281	341	303	319	676	484	51	3,188
1998-99	169	416	402	409	413	759	759	190	11	3,528
1999-00	86	266	373	556	539	497	856	259	21	3,453
Percent										
1995-96	2.4	8.5	16.5	8.6	8.4	11.2	18.7	20.3	5.4	100.0
1996-97	5.2	14.4	11.4	10.5	5.1	19.4	22.0	10.8	1.2	100.0
1997-98	7.2	15.8	8.8	10.7	9.5	10.0	21.2	15.2	1.6	100.0
1998-99	4.8	11.8	11.4	11.6	11.7	21.5	21.5	5.4	0.3	100.0
1999-00	2.5	7.7	10.8	16.1	15.6	14.4	24.8	7.5	0.6	100.0

**SQUASH:** Average value per bushel for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
Dollars										
1995-96	12.10	12.90	9.45	18.40	15.40	14.00	13.30	13.90	15.50	13.54
1996-97	12.50	11.60	10.40	12.20	19.40	10.40	13.00	8.05	10.90	11.66
1997-98	10.95	14.95	19.80	32.30	19.75	22.45	15.35	8.15	6.70	17.10
1998-99	11.65	8.35	26.85	14.10	20.60	15.80	12.80	8.05	8.80	15.25
1999-00	13.85	15.00	10.50	12.00	14.05	18.95	12.05	10.00	10.80	13.29

**SQUASH:** Acreage and production by areas, Florida,  
crop years 1998-99, 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				42-lb bushel		1,000 bushels	
West and North	700	650	650	600	300	248	195	149
North Central	550	550	500	500	310	290	155	145
East & West Central	1,300	1,250	1,250	1,200	212	295	265	354
Southwest	2,150	2,050	2,100	2,000	230	240	483	480
Southeast	8,300	7,600	8,100	7,500	300	310	2,430	2,325
State	13,000	12,100	12,600	11,800	280	293	3,528	3,453

**SQUASH:** Acreage harvested by selected counties, Florida,  
crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Acres						
Alachua	150	250	300	250	250	250
Collier	1,250	650	800	900	900	850
Dade	5,150	4,600	6,450	7,050	7,800	7,350
Hardee	450	350	350	350	400	350
Hendry	600	300	250	500	500	550
Hillsborough	400	500	600	600	550	500
Lee	1,600	1,150	450	1,150	550	300
Madison	--	--	200	200	200	200
Manatee	--	--	300	300	250	250
Marion	100	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>
Palm Beach (East)	300	300	200	200	200	200
Other counties	1,900	1,500	1,000	1,000	1,000	1,000
State	11,900	9,600	10,900	12,500	12,600	11,800

<sup>1/</sup> Included in other counties.



**STRAWBERRIES:** Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per flat	Total value
	Planted	Harvested				
	Acres		12-lb flat	1,000 flats	Dollars	1,000 dollars
1985-86	5,000	4,900	1,543	7,558	6.64	50,157
1986-87	4,900	4,900	1,876	9,192	7.30	67,062
1987-88	5,000	5,000	2,083	10,417	7.09	73,875
1988-89	5,300	5,300	2,167	11,483	8.03	92,188
1989-90	5,400	5,300	1,833	9,717	7.75	75,324
1990-91	5,500	5,500	2,000	11,000	7.72	84,876
1991-92	5,400	5,400	2,500	13,500	8.06	108,810
1992-93	5,800	5,800	2,333	13,533	8.96	121,313
1993-94	5,800	5,800	2,417	14,017	7.24	101,425
1994-95	6,000	6,000	2,333	14,000	8.47	118,608
1995-96	6,000	6,000	2,167	13,000	8.66	112,632
1996-97	6,100	6,100	2,417	14,742	9.91	146,119
1997-98	6,200	6,200	2,167	13,433	12.00	161,200
1998-99	6,200	6,200	2,500	15,500	9.72	150,660
1999-00	6,300	6,300	2,917	18,375	9.12	167,580

**STRAWBERRIES:** Production sold, monthly, Florida, crop  
years 1995-96 through 1999-00

Crop year	Dec <sup>1/</sup>	Jan	Feb	Mar	Apr	Total
1,000 12-lb flats						
1995-96	1,170	1,950	3,120	5,460	1,300	13,000
1996-97	1,327	2,359	6,486	4,570	<sup>2/</sup>	14,742
1997-98	1,324	2,418	3,761	4,587	1,343	13,433
1998-99	2,325	3,255	2,480	6,200	1,240	15,500
1999-00	2,021	3,859	5,513	6,982	<sup>2/</sup>	18,375
Percent						
1995-96	9.0	15.0	24.0	42.0	10.0	100.0
1996-97	9.0	16.0	44.0	31.0	<sup>2/</sup>	100.0
1997-98	10.0	18.0	28.0	34.0	10.0	100.0
1998-99	15.0	21.0	16.0	40.0	8.0	100.0
1999-00	11.0	21.0	30.0	38.0	<sup>2/</sup>	100.0

<sup>1/</sup> November included. <sup>2/</sup> Combined with March.

**STRAWBERRIES:** Average value per flat for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Dec	Jan	Feb	Mar	Apr <sup>1/</sup>	Average
Dollars						
1995-96	17.28	11.16	9.36	6.12	6.12	8.66
1996-97	19.20	11.64	8.52	8.28	<sup>2/</sup>	9.91
1997-98	22.08	12.36	12.96	8.64	10.20	12.00
1998-99	12.96	12.12	12.00	7.20	5.88	9.72
1999-00	15.36	10.56	9.72	6.12	<sup>2/</sup>	9.12

<sup>1/</sup> Includes May. <sup>2/</sup> Combined with March.

**STRAWBERRIES:** Acreage and production by areas, Florida,  
crop years 1998-99, 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				12-lb flat		1,000 flats	
North	300	300	300	300	2,400	2,800	720	840
Central	5,600	5,700	5,600	5,700	2,500	2,918	14,000	16,635
South	300	300	300	300	2,600	3,000	780	900
State	6,200	6,300	6,200	6,300	2,500	2,917	15,500	18,375

**STRAWBERRIES:** Acreage harvested by selected counties, Florida,  
crop years 1994-95 through 1999-00

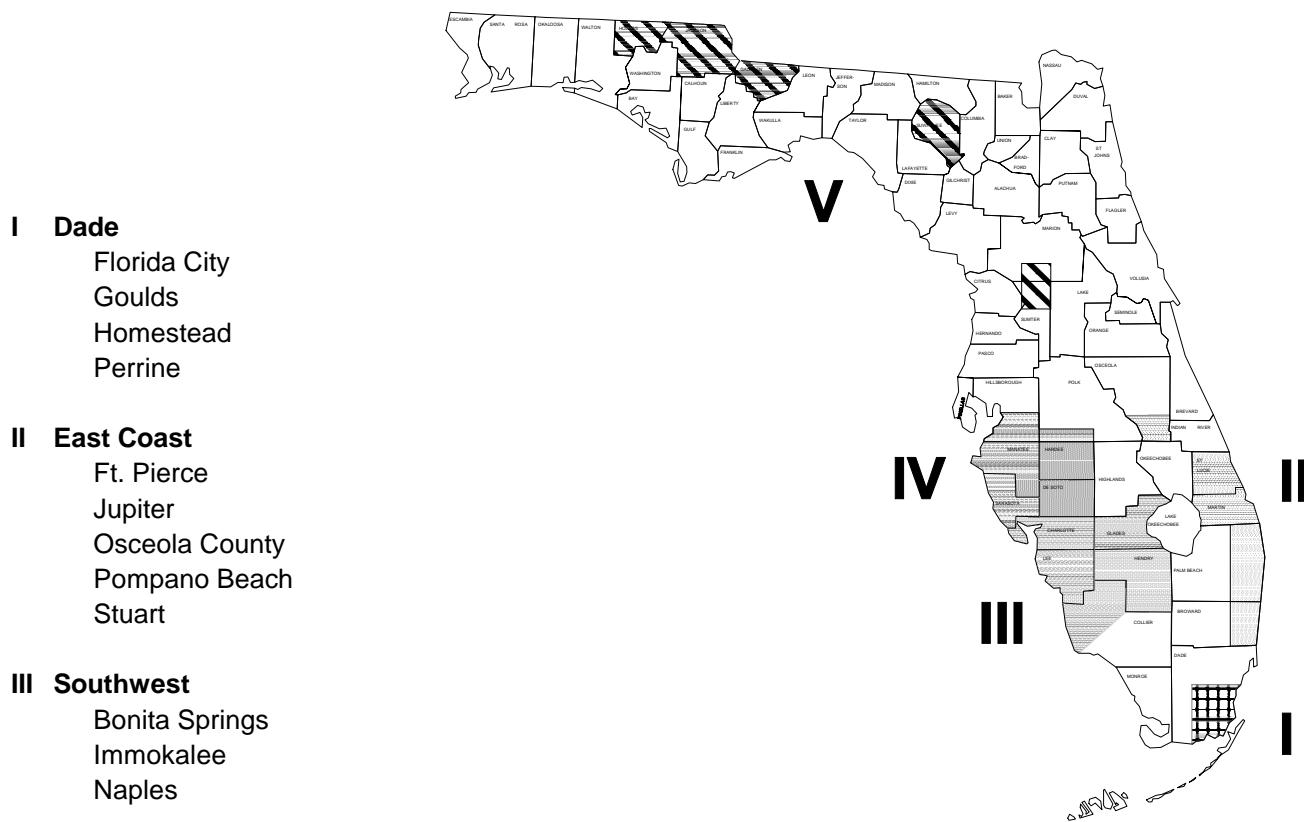
Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Acres						
Dade & Broward	200	200	200	200	200	200
Hillsborough & Manatee	5,300	5,300	5,400	5,500	5,500	5,600
Other counties	500	500	500	500	500	500
State	6,000	6,000	6,100	6,200	6,200	6,300

**TOMATOES:** Acreage, fresh market production, and value, Florida, crop  
years 1985-86 through 1999-00 <sup>1/</sup>

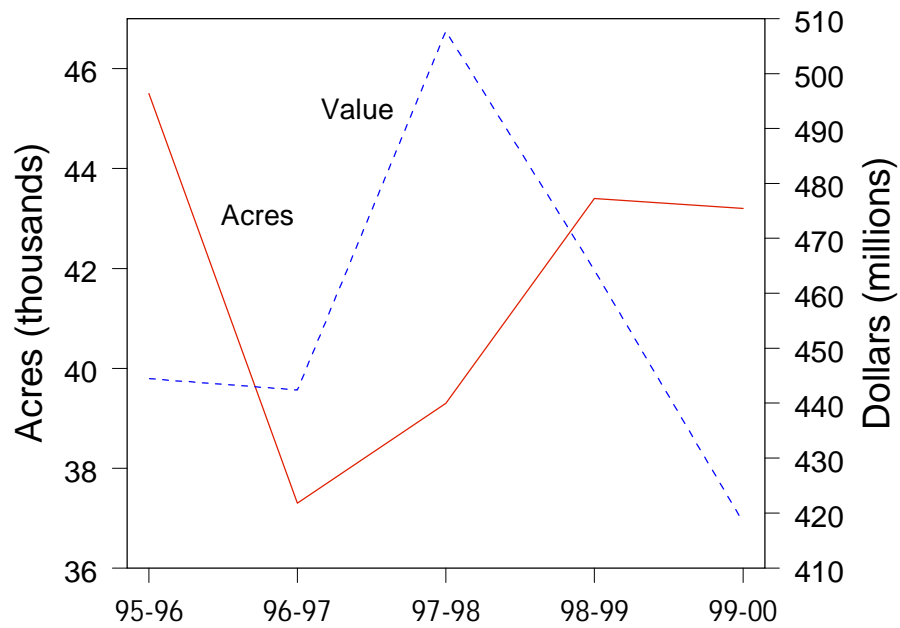
Crop year	Acreage		Yield per acre	Production <sup>2/</sup>	Dollars per carton	Total value <sup>2/</sup>
	Planted	Harvested				
	Acres		25-lb cartons	1,000 cartons		1,000 dollars
1985-86	48,700	48,200	1,243	59,904	7.62	456,468
1986-87	53,600	53,300	1,241	66,123	7.78	514,437
1987-88	57,000	56,800	1,344	76,333	7.00	534,321
1988-89	62,500	60,700	1,207	73,288	9.37	686,884
1989-90 <sup>3/</sup>	55,800	51,600	1,169	60,336	7.29	439,686
1990-91	50,500	50,400	1,278	64,430	9.40	605,507
1991-92	52,000	52,000	1,591	82,736	8.81	728,594
1992-93	48,400	48,400	1,483	71,767	8.70	624,235
1993-94	50,600	50,600	1,294	65,483	7.14	467,541
1994-95	49,000	49,000	1,330	65,183	7.25	472,782
1995-96	46,400	45,500	1,250	56,866	7.82	444,470
1996-97	37,500	37,300	1,468	54,750	8.08	442,410
1997-98	39,300	39,300	1,427	56,091	9.05	507,723
1998-99	43,400	43,400	1,427	61,922	7.50	464,244
1999-00	43,200	43,200	1,439	62,185	6.73	418,348

<sup>1/</sup> Includes round and plum or pear-shaped varieties, and U-Pic. <sup>2/</sup> Fresh market only. <sup>3/</sup> Excludes 5,200,000 cartons not harvested due to low spring prices.

### PRINCIPAL TOMATO PRODUCING AREAS



FRESH MARKET TOMATOES: Harvested acreage and value  
of production, crop years 1995-96 through 1999-00



**IV Palmetto-Ruskin**

Palmetto  
Ruskin  
Tampa

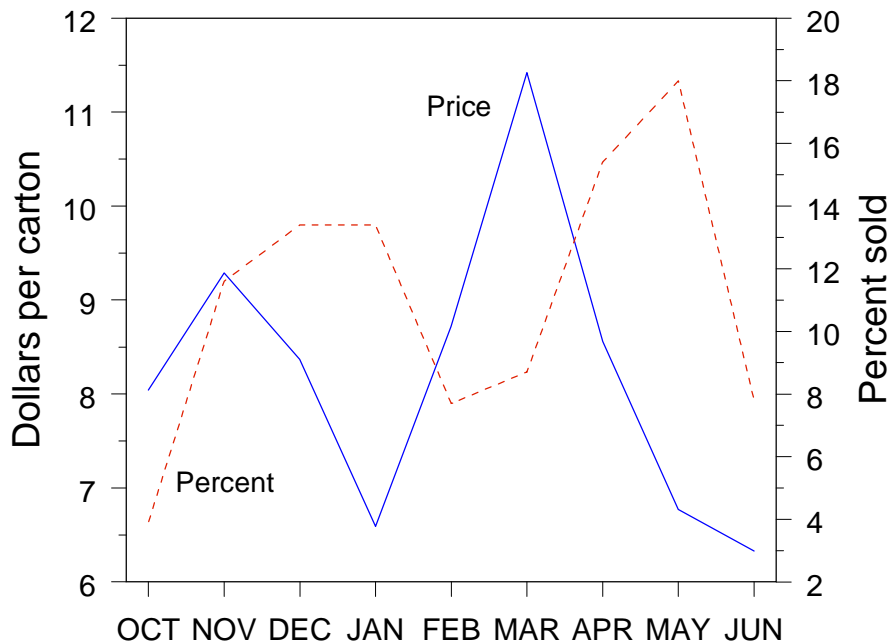
**V North**

Oxford  
Suwannee Valley  
Gadsden County  
Holmes County  
Jackson County

**TOMATOES:** Production, monthly, for fresh market, Florida,  
crop years 1990-91 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Total
1,000 25-lb cartons										
1990-91	1,544	6,367	12,541	10,198	5,737	6,692	7,011	11,791	2,549	64,430
1991-92	3,312	7,287	10,103	11,427	7,346	7,346	17,141	14,692	4,082	82,736
1992-93	1,398	4,965	15,035	6,386	6,678	11,032	7,403	9,435	9,435	71,767
1993-94	3,066	6,772	8,433	6,693	6,173	7,685	10,212	11,044	5,405	65,483
1994-95	3,062	9,851	7,855	7,782	7,185	6,532	9,200	13,716	<sup>3/</sup>	65,183
1995-96	1,474	6,481	7,770	9,274	4,637	2,319	6,373	12,745	5,793	56,866
1996-97	2,896	6,949	6,950	7,833	2,797	3,917	10,343	9,254	3,811	54,750
1997-98	3,330	7,097	6,498	7,526	4,097	4,447	7,701	9,567	5,828	56,091
1998-99	1,900	6,700	8,042	7,480	5,396	7,043	11,401	9,279	4,681	61,922
1999-00	1,737	6,315	9,948	6,700	5,832	8,000	9,400	11,783	2,470	62,185
Percent										
1990-91	2.4	9.9	19.5	15.8	8.9	10.4	10.9	18.3	3.9	100.0
1991-92	4.0	8.8	12.2	13.8	8.9	8.9	20.7	17.8	4.9	100.0
1992-93	1.9	6.9	20.9	8.9	9.3	15.4	10.3	13.2	13.2	100.0
1993-94	4.7	10.3	12.9	10.2	9.4	11.7	15.6	16.9	8.3	100.0
1994-95	4.7	15.2	12.1	11.9	11.0	10.0	14.1	21.0	<sup>3/</sup>	100.0

**FRESH MARKET TOMATOES:** Five-year average of monthly prices  
and percent sold, crop years 1995-96 through 1999-00



Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Total
1995-96	2.6	11.4	13.7	16.3	8.2	4.1	11.2	22.3	10.2	100.0
1996-97	5.3	12.7	12.7	14.3	5.1	7.2	18.8	16.9	7.0	100.0
1997-98	5.8	12.7	11.7	13.4	7.3	7.9	13.7	17.1	10.4	100.0
1998-99	3.1	10.8	13.0	12.1	8.7	11.4	18.3	15.0	7.6	100.0
1999-00	2.8	10.2	16.0	10.8	9.4	12.9	15.1	18.8	4.0	100.0

<sup>1/</sup> Includes September. <sup>2/</sup> Includes July. <sup>3/</sup> June included with May.

**TOMATOES:** Average value per carton for fresh market sales, monthly,  
Florida, crop years 1990-91 through 1999-00

Crop year	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>2/</sup>	Average
Dollars per carton										
1990-91	6.08	6.20	7.35	5.78	7.90	11.00	12.33	14.15	13.05	9.40
1991-92	7.21	6.00	3.85	10.13	19.00	20.18	8.10	4.18	4.50	8.81
1992-93	14.90	10.05	8.58	9.58	5.48	5.30	11.30	14.43	5.13	8.70
1993-94	4.45	7.05	14.40	10.38	4.83	6.13	4.14	5.14	7.25	7.14
1994-95	8.61	8.22	9.36	10.28	7.45	9.28	5.13	3.68	<sup>3/</sup>	7.25
1995-96	7.15	9.90	6.23	4.60	10.00	20.43	12.62	5.90	5.08	7.82
1996-97	7.33	7.43	7.68	8.03	11.48	14.35	6.23	7.75	7.53	8.08
1997-98	7.52	11.24	10.19	6.60	11.00	8.50	9.30	9.28	7.53	9.05
1998-99	11.75	10.98	10.55	8.38	5.85	5.58	5.93	5.20	7.25	7.50
1999-00	6.45	6.88	7.20	5.35	5.28	8.25	8.70	5.70	4.25	6.73

<sup>1/</sup> Includes September. <sup>2/</sup> Includes July. <sup>3/</sup> June included with May.

**TOMATOES:** Acreage and fresh market production by areas and  
crop years, Florida, 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				25-lb cartons		1,000 cartons	
West, North, and North Central	2,550	3,400	2,550	3,400	1,344	1,266	3,428	4,304
Palmetto-Ruskin	13,450	13,000	13,450	13,000	1,660	1,895	22,327	24,630
East Coast	5,050	4,800	5,050	4,800	1,557	1,342	7,864	6,443
Southwest	18,150	18,700	18,150	18,700	1,264	1,158	22,947	21,647
Dade	4,200	3,300	4,200	3,300	1,275	1,564	5,356	5,161
State	43,400	43,200	43,400	43,200	1,427	1,439	61,922	62,185
Oct thru Dec	15,300	17,100	15,300	17,100	1,088	1,053	16,642	18,000
Jan thru Jul	28,100	26,100	28,100	26,100	1,611	1,693	45,280	44,185

**TOMATOES:** Acreage and fresh market production by areas and  
crop years, Florida, 1996-97 and 1997-98

Areas	Planted		Harvested		Yield per acre		Production	
	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98	1996-97	1997-98
	Acres				25-lb cartons		1,000 cartons	
West, North, and North Central	2,800	3,250	2,800	3,250	1,177	1,325	3,295	4,307
Palmetto-Ruskin	12,400	12,900	12,400	12,900	1,785	1,554	22,128	20,051
East Coast	4,100	4,850	4,100	4,850	1,848	1,508	7,575	7,313
Southwest	14,900	14,600	14,700	14,600	1,155	1,366	16,985	19,950
Dade	3,300	3,700	3,300	3,700	1,445	1,208	4,767	4,470
State	37,500	39,300	37,300	39,300	1,468	1,427	54,750	56,091
Oct thru Dec	13,400	15,300	13,400	15,300	1,253	1,106	16,795	16,925
Jan thru Jul	24,100	24,000	23,900	24,000	1,588	1,632	37,955	39,166

**TOMATOES:** Acreage harvested, for fresh market, selected counties,  
Florida, crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Acres						
Collier	10,325	10,400	8,500	8,350	11,800	12,400
Dade	4,400	3,800	3,300	3,700	4,200	3,300
Gadsden	2,750	2,950	2,200	3,100	2,150	2,750
Hendry	5,200	4,125	3,300	4,075	5,065	4,900
Hillsborough	3,150	3,400	3,200	4,220	3,940	3,300
Lee	2,725	2,475	2,100	1,770	1,150	1,400
Manatee	12,000	10,900	8,900	8,435	9,185	9,550
Martin	1,175	925	900	990	945	1,000
Palm Beach	2,900	2,300	2,000	2,460	2,970	2,800
St Lucie	1,325	725	800	910	845	700
Other-counties	3,050	3,500	2,100	1,290	1,150	1,100
State	49,000	45,500	37,300	39,300	43,400	43,200

**TOMATOES:** Percent of acreage harvested, by variety, by growing  
area, south Florida, 1998-99 and 1999-00 <sup>1/</sup>

Variety	All areas		Dade		East Coast		Southwest		Palmetto-Ruskin	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
Percent										
FL47	23.3	35.9	10.1	27.4	17.0	32.3	35.9	46.8	12.3	23.1
Sanibel	11.7	13.9	60.5	58.7	5.5	6.6	10.0	15.4	0.6	2.4
All BHN	9.4	12.7	0.0	0.0	0.0	0.0	16.8	20.7	5.7	9.4
Solar Set	7.9	12.4	2.7	0.2	2.7	1.3	7.2	6.5	12.8	29.1
Florida 91	0.1	7.2	0.0	0.0	0.4	7.9	0.0	3.6	0.0	14.3
Agriset	14.2	5.4	0.0	0.0	32.7	36.2	17.0	0.0	7.5	2.3
Solar Mars	11.0	4.5	0.0	0.0	41.2	15.2	4.5	0.8	11.7	6.9
Sunchaser	0.0	2.3	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0
Sunbeams	5.1	1.0	0.0	0.0	0.0	0.4	1.7	0.0	13.6	3.1
XPH10035	0.5	0.8	0.0	0.0	0.0	0.0	0.2	0.4	1.2	1.7
Floralina	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Other-Varieties <sup>2/</sup>	16.8	3.4	26.7	13.7	0.5	0.1	6.7	0.9	34.6	6.3
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Excludes plum, cherry, and grape varieties. <sup>2/</sup> Includes varieties representing less than one-half of one percent for any area and any unknown varieties. For 1998-99, "other" included Cobia, Duke, Mt. Pride, Teresa, Olympia, Harris, Mt. Delight, Equinox, and other experimental or proprietary varieties. For 1999-00, "other" included Flora Set, Sunguard, Olympia, Flavr Savr, Sunny, Sunpride and other experimental or proprietary varieties.



**WATERMELONS:** Acreage, production, and value, Florida,  
crop years 1985-86 through 1999-00

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1985-86	53,550	47,550	184	8,749	6.23	54,506
1986-87	54,900	46,100	157	7,238	9.64	69,774
1987-88	57,500	49,800	185	9,213	6.79	62,556
1988-89	58,000	50,000	170	8,500	5.30	45,050
1989-90	53,000	45,000	200	9,000	7.15	64,350
1990-91	46,000	36,000	195	7,011	11.52	80,767
1991-92	53,000	45,000	200	9,000	7.35	66,150
1992-93	42,000	37,000	225	8,325	8.00	66,600
1993-94	40,000	37,000	230	8,510	6.80	57,868
1994-95	37,000	33,000	250	8,250	7.60	62,700
1995-96	40,000	34,000	210	7,140	7.00	49,980
1996-97	33,000	30,000	250	7,500	7.30	54,750
1997-98	35,000	32,000	225	7,200	8.35	60,120
1998-99	45,000	35,000	300	10,500	6.90	72,450
1999-00	30,000	27,000	320	8,640	5.25	45,360

**WATERMELONS:** Production sold, monthly, Florida, crop  
years 1995-96 through 1999-00

Crop year	Apr	May	Jun	Jul	Total
	1,000 cwt				
1995-96	--	2,785	3,855	500	7,140
1996-97	1,140	3,435	2,603	322	7,500
1997-98	43	3,053	3,960	144	7,200
1998-99	1,732	4,809	3,686	273	10,500
1999-00	519	5,616	2,419	86	8,640
	Percent				
1995-96	--	39.0	54.0	7.0	100.0
1996-97	15.2	45.8	34.7	4.3	100.0
1997-98	0.6	42.4	55.0	2.0	100.0
1998-99	16.5	45.8	35.1	2.6	100.0
1999-00	6.0	65.0	28.0	1.0	100.0

**WATERMELONS:** Average value per cwt for fresh market sales, monthly,  
Florida, crop years 1995-96 through 1999-00

Crop year	Apr	May	Jun	Jul	Average
	Dollars				
1995-96	--	10.20	5.05	4.20	7.00
1996-97	10.65	7.20	5.95	7.40	7.30
1997-98	16.00	11.10	6.20	6.70	8.35
1998-99	9.90	7.30	5.20	3.90	6.90
1999-00	9.10	5.40	4.15	3.20	5.25

**WATERMELONS:** Acreage and production by areas, Florida,  
crop years 1998-99 and 1999-00

Areas	Planted		Harvested		Yield per acre		Production	
	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00	1998-99	1999-00
	Acres				Cwt		1,000 cwt	
West	17,100	5,000	7,900	4,200	300	180	2,370	755
North	11,600	10,400	11,400	9,400	261	215	2,975	2,020
Central	7,400	6,500	7,100	5,800	290	370	2,059	2,145
South	8,900	8,100	8,600	7,600	360	490	3,096	3,720
State	45,000	30,000	35,000	27,000	300	320	10,500	8,640

**WATERMELONS:** Acreage harvested by selected counties, Florida,  
crop years 1994-95 through 1999-00

Counties	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	Acres					
Alachua	2,400	1,600	1,400	1,500	2,500	2,200
Charlotte	1,300	1,400	1,200	1,300	1,200	1,200
Collier	2,800	1,800	1,600	1,700	1,900	1,900
Columbia	1,200	1,300	1,200	1,300	1,200	900
DeSoto	1,800	1,800	1,600	1,700	1,300	1,400
Gilchrist	2,200	1,900	1,700	1,800	1,800	1,100
Hardee	1,000	1,200	1,100	1,200	1,000	900
Hendry	2,700	2,800	2,500	2,600	3,300	3,100
Holmes	500	500	500	500	400	400
Jackson	1,300	1,400	1,200	1,300	6,300	1,900
Jefferson	600	500	400	400	400	400
Lafayette	800	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>
Lee	1,000	800	800	1,000	1,000	1,000
Levy	2,500	2,500	2,200	2,300	1,900	1,700
Manatee	3,000	3,200	2,800	2,800	2,100	1,400
Marion	1,500	1,700	1,500	1,600	1,600	1,000
Sumter	1,400	1,000	900	900	500	500
Suwannee	1,600	1,800	1,600	1,700	1,000	800
Washington	700	700	700	700	700	500
Other counties	2,700	6,100	5,100	5,700	4,900	4,700
State	33,000	34,000	30,000	32,000	35,000	27,000

<sup>1/</sup> Included in other counties.

Shipments to other States and Canada and exports to other countries by  
months and all methods of shipment for Florida, crop year 1999-00

Commodity	1999			2000							
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 cwt											
Vegetables:											
Snap beans	3	100	177	235	187	280	328	88	--	--	1,398
Cabbage	--	--	134	392	398	687	450	--	--	--	2,061
Sweet corn	32	57	88	181	379	669	1,444	1,713	171	--	4,734
Cucumbers	83	305	304	167	30	282	575	433	39	--	2,218
Eggplant	12	48	51	58	34	23	58	95	39	--	418
Okra	23	10	3	--	--	--	5	18	17	29	105
Parsley	--	--	6	6	5	6	7	--	--	--	30
Green peppers	34	309	432	574	503	692	895	628	48	--	4,115
Radishes	--	10	39	39	31	23	27	23	--	--	192
Squash	21	77	112	126	126	113	212	39	3	--	829
Tomatoes	337	1,372	2,066	1,887	1,413	1,601	2,556	2,615	1,124	--	14,971
Cherry tomatoes	72	81	101	87	43	64	120	150	76	2	796
Total vegetables	617	2,369	3,513	3,752	3,149	4,440	6,677	5,802	1,517	31	31,867
Potatoes	--	--	--	19	251	704	1,902	2,984	1,538	--	7,398
Strawberries	--	--	118	317	382	511	83	--	--	--	1,411
Watermelons	--	--	244	6	--	--	421	4,255	2,141	236	7,303
Total	617	2,369	3,875	4,094	3,782	5,655	9,083	13,041	5,196	267	47,979

**SNAP BEANS:** Shipments to other States and Canada and exports to other countries by months and  
methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 bushels											
1996-97	Truck	43	635	578	418	52	601	582	383	7	3,299
1997-98	Truck	71	530	346	381	357	538	1,126	493	7	3,849
1998-99	Truck	49	399	540	727	568	693	960	380	2	4,318
1999-00	Truck	10	333	589	784	622	932	1,094	293	--	4,657

**CABBAGE:** Shipments to other States and Canada and exports to other countries by months and  
methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 crates											
1996-97	Truck	1	15	331	1,075	1,197	1,680	1,248	300	--	5,847
1997-98	Truck	--	14	233	572	425	1,014	1,261	348	--	3,867
1998-99	Truck	--	--	341	1,125	967	1,356	888	148	--	4,825
1999-00	Truck	--	--	267	783	795	1,374	899	--	--	4,118

**SWEET CORN:** Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 crates												
1996-97	Piggy-back	3	--	1	--	--	1	11	30	11	10	67
	Truck	314	435	511	478	229	740	4,254	2,938	1,53	359	11,792
	Total	317	435	512	478	229	741	4,265	2,968	1,54	369	11,859
1997-98	Piggy-back	1	2	3	1	--	1	4	30	34	--	76
	Truck	468	513	416	669	624	1,025	3,011	4,783	1,71	10	13,233
	Total	469	515	419	670	624	1,026	3,015	4,813	1,74	10	13,309
1998-99	Piggy-back	--	--	1	1	--	1	5	29	28	--	65
	Truck	47	318	573	774	898	1,212	4,418	5,312	591	69	14,212
	Total	47	318	574	775	898	1,213	4,423	5,341	619	69	14,277
1999-00	Truck	76	135	210	430	902	1,592	3,438	4,078	407	1	11,269

<sup>1/</sup> Includes September shipments.

**CUCUMBERS:** Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 cartons											
1996-97	Piggy-back <sup>2/</sup>	--	--	--	--	--	2	--	1	--	3
	Truck	295	827	394	125	48	635	818	644	110	3,896
	Total	295	827	394	125	48	637	818	645	110	3,899
1997-98	Piggy-back <sup>2/</sup>	--	--	--	--	--	--	--	1	--	1
	Truck	382	520	287	54	9	80	789	1,069	87	3,277
	Total	382	520	287	54	9	80	789	1,070	87	3,278
1998-99	Piggy-back <sup>2/</sup>	--	--	--	--	--	3	1	1	--	5
	Truck	236	571	386	166	30	483	1,114	784	137	3,907
	Total	236	571	386	166	30	486	1,115	785	137	3,912
1999-00	Truck	151	554	552	303	54	513	1,045	787	71	4,030

<sup>1/</sup> Includes September shipments. <sup>2/</sup> Process included with fresh.

**EGGPLANT:** Shipments to other States and Canada by months and methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 cartons											
1996-97	Truck	97	169	119	104	91	205	327	320	157	1,589
1997-98	Truck	63	96	86	106	43	51	92	195	148	880
1998-99	Truck	36	142	170	268	165	188	175	192	108	1,444
1999-00	Truck	37	145	155	177	104	70	176	287	117	1,268

<sup>1/</sup> Includes September shipments.

**OKRA:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul <sup>2/</sup>	Total
1,000 bushels												
1996-97	Truck	27	24	7	--	--	3	32	24	--	--	117
1997-98	Truck	15	7	3	--	--	--	10	31	--	--	66
1998-99	Truck	67	7	4	--	--	--	15	20	33	128	274
1999-00	Truck	78	34	9	--	--	--	17	59	55	96	348

<sup>1/</sup> Includes September shipments. <sup>2/</sup> Includes any August shipments.

**PARSLEY:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 crates											
1996-97	Truck	6	61	73	57	47	55	68	43	--	410
1997-98	Truck	--	32	44	51	50	43	50	34	9	313
1998-99	Truck	--	7	20	38	21	18	19	3	--	126
1999-00	Truck	--	1	27	30	22	29	32	2	--	143

**GREEN PEPPERS:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 crates											
1996-97	Piggy-back	--	--	--	--	--	7	12	26	12	57
	Truck	326	1,580	1,621	1,201	1,099	2,071	2,687	1,858	281	12,724
	Total	326	1,580	1,621	1,201	1,099	2,078	2,699	1,884	293	12,781
1997-98	Truck	346	1,241	1,344	1,716	1,190	1,433	1,907	2,102	291	11,570
1998-99	Piggy-back	--	1	--	16	5	5	4	15	--	46
	Truck	381	1,632	1,768	2,646	1,656	2,107	2,480	2,173	184	15,027
	Total	381	1,633	1,768	2,662	1,661	2,112	2,484	2,188	184	15,073
1999-00	Truck	122	1,104	1,544	2,049	1,797	2,473	3,196	2,243	173	14,701

**IRISH POTATOES:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>1/</sup>	Total
1,000 cwt											
1996-97	Piggy-back	--	--	--	--	3	4	10	50	4	71
	Truck	--	--	--	--	322	422	473	586	182	1,985
	Total	--	--	--	--	325	426	483	636	186	2,056
1997-98	Piggy-back	--	--	--	--	--	--	17	68	17	102
	Truck	--	--	--	23	244	410	362	347	408	1,794
	Total	--	--	--	23	244	410	379	415	425	1,896
1998-99	Piggy-back	--	2	--	--	2	8	4	6	2	24
	Truck	--	--	--	15	274	431	437	1,053	518	2,728
	Total	--	2	--	15	276	439	441	1,059	520	2,752
1999-00	Piggy-back	--	--	--	--	--	5	12	12	1	30
	Truck	--	--	--	19	251	699	795	980	473	3,217
	Total	--	--	--	19	251	704	807	992	474	3,247

<sup>1/</sup> Includes July shipments.

**CHIPPER POTATOES:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1998-99 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun <sup>1/</sup>	Total
1,000 cwt											
1998-99	Piggy-back	--	--	--	--	--	--	2	76	28	106
	Truck	--	--	--	--	--	37	827	3,415	1,206	5,485
	Total	--	--	--	--	--	37	829	3,491	1,234	5,591
1999-00	Truck	--	--	--	--	--	--	1,095	1,992	1,064	4,151

<sup>1/</sup> Includes July shipments.

**RADISHES:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
12,000 lb units											
1996-97	Truck	70	370	560	390	380	500	460	370	10	3,110
1997-98	Truck	76	230	153	228	253	307	261	161	17	1,686
1998-99	Truck	1	93	196	277	194	229	208	163	--	1,361
1999-00	Truck	--	83	321	328	260	193	227	190	--	1,602

**SQUASH:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 bushels											
1996-97	Truck	104	314	238	185	94	433	421	171	13	1,973
1997-98	Truck	129	266	131	161	131	153	364	240	16	1,591
1998-99	Truck	109	257	213	309	262	417	465	207	9	2,248
1999-00	Truck	51	183	266	300	299	269	505	93	7	1,973

<sup>1/</sup> Includes September shipments.

**STRAWBERRIES:** Shipments to other States and Canada and exports to other countries by months and  
methods of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Dec <sup>1/</sup>	Jan	Feb	Mar	Apr	Total
1,000 flats							
1996-97	Air	5	1	--	2	--	8
	Truck	903	1,733	3,883	2,752	20	9,291
	Export	4	32	15	5	--	56
	Total	912	1,766	3,898	2,759	20	9,355
1997-98	Air	--	4	6	7	1	18
	Truck	895	1,462	2,311	2,874	848	8,390
	Export	4	32	13	5	--	54
	Total	899	1,498	2,330	2,886	849	8,462
1998-99	Air Export	3	15	8	--	--	26
	Truck	1,271	2,212	1,615	3,544	1,217	9,859
	Total	1,274	2,227	1,623	3,544	1,217	9,885
1999-00	Air Export	1	6	5	--	--	12
	Truck	981	2,635	3,178	4,255	692	11,741
	Total	982	2,641	3,183	4,255	692	11,753

<sup>1/</sup> Includes November shipments.

**TOMATOES:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 cartons												
1996-97	Piggy-back	2	21	16	64	59	18	110	181	29	5	505
	Truck	2,693	7,056	7,386	5,741	2,737	4,076	11,154	7,152	3,630	475	52,100
	Total	2,695	7,077	7,402	5,805	2,796	4,094	11,264	7,333	3,659	480	52,605
1997-98	Piggy-back	2	--	8	30	3	--	21	11	5	--	80
	Truck	3,400	6,342	8,995	6,188	3,746	4,873	6,900	8,634	6,391	35	55,504
	Total	3,402	6,342	9,003	6,218	3,749	4,873	6,921	8,645	6,396	35	55,584
1998-99	Piggy-back	--	3	8	18	14	21	44	64	--	--	172
	Truck	1,237	5,556	8,467	8,284	5,343	6,823	9,833	12,370	--	--	57,913
	Total	1,237	5,559	8,475	8,302	5,357	6,844	9,877	12,434	--	--	58,085
1999-00	Piggy-back	--	2	4	15	--	8	24	65	6	--	124
	Truck	1,348	5,485	8,261	7,532	5,651	6,395	10,200	10,394	4,489	--	59,755
	Total	1,348	5,487	8,265	7,547	5,651	6,403	10,224	10,459	4,495	--	59,879

<sup>1/</sup> Includes September shipments.

**CHERRY TOMATOES:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Oct <sup>1/</sup>	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 cwt												
1996-97	Truck	19	40	39	27	9	16	41	50	21	1	263
1997-98	Truck	36	60	45	40	31	38	61	79	47	--	437
1998-99	Truck	33	37	37	23	18	27	58	86	40	3	362
1999-00	Truck	72	81	101	87	43	64	120	150	76	2	736

<sup>1/</sup> Includes September shipments.

**WATERMELONS:** Shipments to other States and Canada by months and methods  
of shipment from Florida, crop years 1996-97 through 1999-00

Crop year	Method of shipment	Dec <sup>1/</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul <sup>2/</sup>	Total
1,000 cwt										
1996-97	Piggy-back	--	--	--	--	18	70	23	--	111
	Truck	--	--	--	--	590	1,767	1,640	173	4,170
	Total	--	--	--	--	608	1,837	1,663	173	4,281
1997-98	Piggy-back	--	--	--	--	--	61	26	--	87
	Truck	--	--	--	--	34	2,310	2,969	282	5,595
	Total	--	--	--	--	34	2,371	2,995	282	5,682
1998-99	Truck & Piggyback	--	--	--	--	550	3,263	2,115	319	6,247
1999-00	Piggy-back	--	--	--	--	1	176	40	6	223
	Truck	244	6	--	--	420	4,079	2,101	230	7,080
	Total	244	6	--	--	421	4,255	2,141	236	7,303

<sup>1/</sup> Includes shipments prior to December. <sup>2/</sup> Includes any August shipments.



## VEGETABLE CHEMICAL USE

### OVERVIEW

Information in this section is from a survey funded by the USDA Pesticide Data Program. The purpose of the Pesticide Data Program is to provide reliable pesticide use statistics and enhance the quality of information on pesticide residues in food. The data series addresses the increased public interest in agricultural chemical use and provides the means for government agencies to respond effectively to food safety and water quality issues.

### VEGETABLE CHEMICAL USE SURVEY METHODOLOGY

Primary data used in making chemical use estimates were obtained from a probability survey conducted in the fall of 1998. Florida vegetable producers were stratified by size of operation and by type of crop produced. Larger operations had an increased chance of being selected for the survey. A total of 9 vegetable crops plus watermelons and strawberries were included as target crops in the survey. The target crops were: Fresh Snap Beans, Fresh Cabbage, Carrots, Fresh Sweet Corn, Fresh Cucumbers, Processing Cucumbers, Eggplant, Watermelons, Bell Peppers, Strawberries, and Fresh Tomatoes.

A sample of 483 producers was contacted during the enumeration period and asked to provide chemical application data for the 1997-98 crop year.

A thorough review compared reported data with manufacturer's label recommendations and with data from other producers. Following this review, product information was converted to an active ingredient level. The chemical usage estimates in this publication consist of survey estimates of those active ingredients.

Nationally 16 States conducted Chemical Use surveys, each focusing on the major vegetable crops grown in that State.

Tables on the following pages list, by crop, a comparison of 1992, 1994, 1996, and 1998 chemical usage. Because of space limitations, pesticides used on the highest percentage of acres are listed for a pesticide class for a particular crop. The totals may not multiply across due to independent rounding of published values. Estimates of the total amount of active ingredient applied are based on the acreage estimates published in the annual NASS report "Vegetables - 1998 Summary" [Vg 1-2 (99)c] released on January 28, 1999.

The following is a list of common names of active ingredients presented in this report. The classes are herbicides (H), insecticides (I), fungicides (F), other chemicals (O).

CLASS	COMMON NAME	TRADE NAME
(I)	Abamectin	Agri-Mek, Zephyr, Avid
(I)	Acephate	Orthene
(H)	Atrazine	AAtrex
(F)	Benomyl	Benlate
(I)	Bt (Bacillus Thur.)	several
(H)	Butylate	Genate, Sutan
(F)	Captan	Captan
(I,O)	Carbaryl	Sevin, Savit
(O)	Chloropicrin	several
(F)	Chlorothalonil	Bravo
(F)	Chlorpyrifos	Lorsban, Dursban
(F)	Copper Ammonium	Copper-Count-N
(F)	Copper Hydroxide	several
(I)	Cyfluthrin	Baythroid
(I)	Cyromazine	Trigard
(H)	DCPA	Dacthal
(I)	Diazinon	several
(I)	Dicofol	Kelthane
(I)	Dimethoate	several
(I)	Endosulfan	Thiodan
(I)	Esfenvalerate	Asana
(H)	Ethalfuralin	Sonalan, Curbit
(I)	Fenamiphos	Nemacur
(I)	Fenbutatin-oxide	Vendex
(H)	Fluazifop-P-butyl	Fusilade
(H,O)	Glyphosate	Roundup, Ranger, Rattler, Rodeo
(I)	Imidacloprid	Scepter
(F)	Iprodione	Rovral
(I)	Lambda-cyhalothrin	Karate
(H)	Linuron	Lorox, Linex
(F)	Mancozeb	several
(F)	Maneb	several
(F)	Metalaxyl	Ridomil
(I)	Methamidophos	Monitor
(I)	Methomyl	Lannate
(O)	Methyl Bromide	several
(H)	Metribuzin	Sencor, Lexone
(H)	Metolachlor	Dual
(H)	Monocarbamide dihy.	Enquik
(F)	Myclobutanil	Nova, Rally
(I)	Naled	Dibrom
(H)	Napropamide	Devrinol
(I)	Oxamyl	Vydate
(H,O)	Paraquat	Gramoxone, Cyclone, Starfire
(F)	PCNB	Terraclor
(I)	Permethrin	Ambush, Pounce
(I)	Phorate	Thimet
(F)	Propiconazole	Tilt, Banner, Orbit
(H)	Sethoxydim	Poast
(I,F)	Sulfur	several
(I)	Terbufos	Counter
(I)	Thiodicarb	Larvin
(F)	Thiophanate-methyl	Topsin
(F,O)	Thiram	Thiram
(H)	Trifluralin	Treflan, Trilin, Trific
(F)	Vinclozolin	Ronilan

**SWEET CORN, FRESH: Major Chemical Usage, 1992 and 1994, Florida**

Chemical	1992 (51,300 acres)					1994 (42,900 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	81	3.0	41	122	5,071	90	2.3	42	95	3,634
Phosphorous	92	1.8	56	103	4,866	97	1.5	51	78	3,257
Potash	77	2.0	105	211	8,383	100	1.9	115	216	9,273
Herbicides										
Atrazine	64	1.4	1.19	1.70	55.3	81	1.2	1.31	1.57	54.7
Butylate	13	1.3	3.76	4.70	31.2	3/	3/	3/	3/	3/
Metolachlor	10	1.0	1.92	1.92	9.8	6	1.0	2.22	2.22	5.8
Insecticides										
Chlorpyrifos	50	4.7	0.78	3.68	94.0	48	2.2	0.76	1.66	33.8
Diazinon	25	1.4	2.31	3.28	41.7	3/	3/	3/	3/	3/
Methomyl	97	11.5	0.31	3.51	174.6	85	13.6	0.33	4.56	165.3
Phorate	3/	3/	3/	3/	3/	36	1.3	1.09	1.37	21.0
Terbufos	16	2.0	0.90	1.82	15.1	22	1.0	0.75	0.75	7.0
Thiodicarb	70	6.4	0.52	3.30	119.4	71	6.6	0.50	3.31	100.2
Fungicides										
Chlorothalonil	3	3.0	1.12	3.33	4.9	3/	3/	3/	3/	3/
Mancozeb	53	6.5	0.93	6.05	162.9	72	6.0	0.90	5.35	164.3
Maneb	14	3.2	0.83	2.68	19.4	3/	3/	3/	3/	3/
Propiconazole	34	2.2	0.14	0.30	5.3	61	1.9	0.16	0.30	7.9

**SWEET CORN, FRESH: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (43,400 acres)					1998 (41,600 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	4/	4/	4/	4/	4/	100	2.0	48	97	4,037
Phosphorous	4/	4/	4/	4/	4/	98	1.2	63	81	3,284
Potash	4/	4/	4/	4/	4/	98	1.8	88	163	6,614
Herbicides										
Atrazine	78	1.0	1.14	1.18	39.8	78	1.0	1.19	1.26	40.9
Metolachlor	24	1.0	1.44	1.44	15.2	20	1.0	1.19	1.19	9.7
Insecticides										
Chlorpyrifos	55	2.4	0.72	1.75	42.0	59	1.5	0.71	1.10	27.0
Esfenvalerate	14	1.5	0.05	0.08	0.5	16	1.0	0.05	0.05	0.3
Lambda-cyhalothrin	41	3.4	0.02	0.08	1.4	74	2.9	0.02	0.07	2.1
Methomyl	83	8.6	0.29	2.52	90.7	79	8.6	0.29	2.54	83.4
Permethrin	12	1.2	0.15	0.18	0.9	8	1.0	0.16	0.16	0.5
Phorate	20	1.6	1.06	1.65	14.6	3/	3/	3/	3/	3/
Thiodicarb	73	6.8	0.48	3.24	103.0	55	2.6	0.48	1.24	28.3
Fungicides										
Mancozeb	57	3.8	0.97	3.74	93.4	61	3.2	0.94	3.04	76.8
Propiconazole	58	2.6	0.13	0.32	8.2	43	1.8	0.13	0.24	4.4

\* Footnotes are explained on page 11.

**TOMATOES, FRESH: Major Chemical Usage, 1992 and 1994, Florida**

Chemical	1992 (49,400 acres)					1994 (47,900 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	100	2.1	89	187	9,203	100	8.5	37	311	14,902
Phosphorous	76	1.6	68	110	4,142	95	5.7	35	201	9,114
Potash	100	2.1	145	306	15,072	100	8.4	64	534	25,572
Herbicides										
Metribuzin	59	1.0	0.48	0.48	13.9	29	1.3	0.25	0.34	4.7
Paraquat	95	1.5	0.46	0.70	33.0	64	1.9	0.36	0.67	20.6
Insecticides										
Abamectin	47	2.3	0.01	0.02	0.4	31	3.1	0.01	0.03	0.4
Bt(Bacillus thur.)	41	2.6	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	46	7.3	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>
Chlorpyrifos	32	2.3	0.60	1.38	22.0	46	4.5	0.75	3.36	74.4
Cyromazine	60	1.5	0.11	0.15	4.6	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>
Endosulfan	67	3.7	0.72	2.67	89.1	77	5.3	0.76	4.05	149.7
Esfenvalerate	81	4.8	0.03	0.14	5.7	82	6.9	0.04	0.27	10.7
Methamidophos	64	3.4	0.71	2.37	74.5	84	4.8	0.79	3.80	152.6
Methomyl	65	3.6	0.41	1.46	47.1	41	4.2	0.47	1.98	39.2
Permethrin	49	4.6	0.10	0.45	10.9	62	6.7	0.17	1.12	32.9
Fungicides										
Benomyl	18	1.7	0.39	0.68	6.0	31	4.5	0.48	2.19	33.0
Chlorothalonil	66	5.5	1.13	6.21	203.0	85	7.7	1.43	11.01	446.6
Copper Hydroxide	67	10.5	0.94	9.93	327.3	98	14.9	1.01	15.04	706.8
Mancozeb	62	11.6	1.12	13.00	395.6	90	13.4	1.35	18.12	784.4
Metalaxy	10	1.2	0.40	0.48	2.3	47	2.1	0.33	0.67	15.0
Other										
Chloropicrin	26	1.0	63.27	63.27	823.6	64	1.0	61.00	61.00	1,881.9
Methyl Bromide	93	1.0	171.83	171.83	8,229.8	94	1.0	182.73	182.73	8,227.6

**TOMATOES, FRESH: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (40,000 acres)					1998 (40,600 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	100	12.3	22	273	11,065
Phosphorous	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	65	12.6	14	175	4,577
Potash	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	100	12.4	40	499	20,268
Herbicides										
Metribuzin	62	1.2	0.48	0.57	14.1	38	1.0	0.46	0.49	7.5
Paraquat	66	1.3	0.69	0.87	22.9	42	1.1	0.65	0.74	12.6
Insecticides										
Abamectin	74	2.4	0.008	0.02	0.6	38	1.1	0.008	0.01	0.1
Bt(Bacillus thur.)	88	5.6	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	77	5.2	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>
Cyfluthrin	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	13	3.7	0.03	0.10	0.5
Endosulfan	44	2.6	0.74	1.93	34.2	23	2.9	0.56	1.64	15.5
Esfenvalerate	22	4.3	0.03	0.14	1.2	53	3.3	0.03	0.09	2.0
Imidacloprid	70	1.5	0.27	0.39	11.1	35	1.6	0.22	0.35	5.1
Methamidophos	47	4.4	0.67	2.96	55.8	26	7.1	0.64	4.58	49.1
Methomyl	55	2.0	0.65	1.27	28.2	7	5.7	0.48	2.75	8.0
Permethrin	57	4.2	0.11	0.45	10.2	75	5.3	0.07	0.36	10.8
Spinosad	<sup>2/</sup>	<sup>2/</sup>	<sup>2/</sup>	<sup>2/</sup>	<sup>2/</sup>	18	2.5	0.09	0.23	1.7
Fungicides										
Benomyl	48	3.0	0.26	0.79	15.1	20	2.0	0.25	0.52	4.1
Chlorothalonil	95	7.8	1.06	8.34	317.6	59	5.4	0.89	4.82	116.3
Copper Hydroxide	96	9.2	0.81	7.44	285.1	85	10.8	0.89	9.66	333.2
Mancozeb	93	9.8	1.04	10.22	379.3	60	13.8	1.53	21.20	513.4
Maneb	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	32	4.0	1.50	6.00	78.6
Metalaxyl	35	1.7	0.10	0.17	2.3	14	3.4	0.11	0.38	2.1
Other										
Chloropicrin	79	1.0	58.55	58.55	1,842.1	40	1.0	41.21	41.21	664.8
Methyl Bromide	94	1.0	142.52	142.52	5,345.7	95	1.0	159.37	160.35	6,179.5

\* Footnotes are explained on page 11.

**WATERMELONS: Major Chemical Usage, 1992 and 1994, Florida**

Chemical	1992 (53,000 acres)					1994 (40,000 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
<b>Fertilizer</b>										
Nitrogen	99	3.9	38	148	7,772	99	2.8	53	145	5,731
Phosphate	89	2.0	58	113	5,359	88	1.8	67	123	4,330
Potash	99	3.7	49	180	9,480	99	2.5	72	182	7,209
<b>Herbicides</b>										
Glyphosate	3/	3/	3/	3/	3/	1	1.0	0.53	0.53	0.3
Paraquat	18	1.2	0.69	0.81	7.6	11	1.1	0.43	0.46	2.0
Sethoxydim	2	1.2	0.24	0.29	0.4	4	1.0	0.29	0.29	0.4
<b>Insecticides</b>										
Bt(Bacillus thur.)	31	6.5	1/	1/	1/	12	7.9	1/	1/	1/
Endosulfan	10	3.0	0.44	1.33	7.0	19	3.2	0.89	2.89	21.6
Esfenvalerate	17	3.7	0.04	0.15	1.3	4	3.4	0.04	0.13	0.2
Methomyl	19	3.6	0.59	2.13	21.3	21	2.7	0.64	1.74	14.4
Oxamyl	3/	3/	3/	3/	3/	5	1.3	0.32	0.43	0.9
Permethrin	12	3.9	0.12	0.47	3.1	11	4.5	0.19	0.87	3.7
<b>Fungicides</b>										
Benomyl	36	3.7	0.32	1.18	22.6	31	2.4	0.25	0.61	7.5
Chlorothalonil	52	3.5	1.31	4.59	125.5	58	2.9	1.72	4.93	114.7
Copper hydroxide	10	3.1	0.93	2.91	15.8	11	3.3	0.52	1.74	7.4
Mancozeb	62	6.5	1.15	7.43	244.9	72	3.8	1.56	5.88	169.2
Metalaxyl	28	3.0	0.22	0.64	9.6	31	2.5	0.22	0.53	6.7

**WATERMELONS: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (40,000 acres)					1998 (35,000 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
<b>Fertilizer</b>										
Nitrogen	4/	4/	4/	4/	4/	99	5.5	26	144	5,022
Phosphate	4/	4/	4/	4/	4/	89	2.3	52	123	3,839
Potash	4/	4/	4/	4/	4/	99	5.5	35	194	6,754
<b>Herbicides</b>										
Paraquat	7	1.3	0.65	0.84	2.5	3/	3/	3/	3/	3/
Sethoxydim	6	1.0	0.09	0.09	0.2	3/	3/	3/	3/	3/
<b>Insecticides</b>										
Bt(Bacillus thur.)	25	6.2	1/	1/	1/	16	3.4	1/	1/	1/
Dimethoate	3/	3/	3/	3/	3/	3	1.5	0.56	0.88	1.0
Endosulfan	16	1.6	0.64	1.04	6.8	7	5.2	0.39	2.06	4.9
Esfenvalerate	12	4.7	0.04	0.17	0.8	3/	3/	3/	3/	3/
Methomyl	17	2.7	0.61	1.64	11.1	23	2.6	0.46	1.20	9.7
Oxamyl	7	1.3	0.75	0.98	2.9	3/	3/	3/	3/	3/
Permethrin	12	3.1	0.10	0.32	1.5	3/	3/	3/	3/	3/
<b>Fungicides</b>										
Benomyl	51	2.8	0.24	0.68	13.9	33	2.5	0.28	0.71	8.2
Chlorothalonil	45	3.4	1.27	4.25	77.2	70	2.9	1.26	3.65	89.8
Copper hydroxide	19	2.7	0.93	2.50	18.8	21	2.5	0.50	1.28	9.5
Mancozeb	73	4.5	1.37	6.17	178.8	65	3.8	1.27	4.86	111.2
Metalaxyl	21	2.2	0.21	0.47	3.9	21	1.7	0.13	0.23	1.7

\* Footnotes are explained on page 11.

**SNAP BEANS, FRESH: Major Chemical Usage, 1992, and 1994**

Chemical	1992 (29,700 acres)					1994 (26,900 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
<b>Fertilizer</b>										
Nitrogen	95	2.4	31	77	2,157	98	2.6	34	86	2,288
Phosphorous	85	2.1	49	102	2,577	91	1.6	63	99	2,439
Potash	92	2.5	45	111	3,043	98	2.4	51	120	3,173
<b>Herbicides</b>										
EPTC	3/	3/	3/	3/	3/	22	1.0	1.42	1.42	8.3
Metolachlor	23	1.1	1.37	1.54	10.6	14	1.0	1.25	1.29	4.7
Trifluralin	32	1.6	0.49	0.80	7.7	42	1.0	0.56	0.56	6.3
<b>Insecticides</b>										
Acephate	39	3.5	0.62	2.16	25.2	24	3.2	0.56	1.83	11.8
Bt(Bacillus thur.)	42	4.0	1/	1/	1/	49	2.2	1/	1/	1/
Dimethoate	24	2.1	0.71	1.51	10.6	23	3.4	0.50	1.69	10.4
Endosulfan	13	3.1	0.53	1.63	6.3	42	3.9	0.72	2.80	32.0
Methomyl	39	3.4	0.34	1.15	13.2	50	2.6	0.43	1.14	15.3
Permethrin	20	2.9	0.07	0.21	1.3	3/	3/	3/	3/	3/
<b>Fungicides</b>										
Benomyl	26	2.7	0.64	1.73	13.4	19	2.7	0.56	1.52	7.9
Chlorothalonil	44	4.0	1.23	4.92	64.3	75	3.6	1.18	4.23	85.8
Copper Hydroxide	3/	3/	3/	3/	3/	24	1.7	0.55	0.91	5.9
Metalaxyl	24	1.1	0.09	0.10	0.7	25	2.3	0.18	0.40	2.7
Sulfur	50	4.1	3.51	14.2						
				7	211.4	63	5.1	3.15	15.99	271.7

**SNAP BEANS, FRESH: Major Chemical Usage, 1996, and 1998**

Chemical	1996 (29,000 acres)					1998 (36,000 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
<b>Fertilizer</b>										
Nitrogen	4/	4/	4/	4/	4/	99	6.7	18	119	4,270
Phosphorous	4/	4/	4/	4/	4/	98	5.3	27	147	5,178
Potash	4/	4/	4/	4/	4/	98	5.7	28	165	5,806
<b>Herbicides</b>										
Atrazine	78	1.0	1.14	1.18	39.8	2/	2/	2/	2/	2/
Metolachlor	31	1.1	1.39	1.57	13.9	7	1.0	1.27	1.34	3.2
Trifluralin	3/	3/	3/	3/	3/	5	1.0	0.79	0.79	1.4
<b>Insecticides</b>										
Acephate	38	2.3	0.62	1.44	15.7	13	2.7	0.54	1.49	6.8
Bt(Bacillus thur.)	29	3.5	1/	1/	1/	21	2.5	1/	1/	1/
Carbaryl	4	2.7	0.87	2.35	2.8	6	2.5	0.81	2.02	1.5
Dimethoate	18	5.3	0.47	2.52	12.9	12	2.0	0.48	0.97	4.1
Endosulfan	5	1.7	0.72	1.21	1.7	38	3.4	0.68	2.33	31.7
Methomyl	39	1.6	0.35	0.57	6.5	62	6.7	0.48	3.23	72.5
<b>Fungicides</b>										
Benomyl	34	3.6	0.37	1.31	12.8	3/	3/	3/	3/	3/
Chlorothalonil	74	2.6	0.95	2.48	53.3	82	5.9	1.46	8.73	258.7
Copper Hydroxide	28	2.8	0.29	0.80	6.4	43	7.7	0.50	3.88	59.9
Metalaxyl	52	1.3	0.25	0.34	5.1	11	1.1	0.14	0.16	0.6
PCNB	23	1.0	1.01	1.03	6.9	3/	3/	3/	3/	3/
Sulfur	33	4.6	2.40	11.01	104.8	81	6.4	1.65	10.59	307.6

\*Footnotes are explained on page 11.

**BELL PEPPERS: Major Chemical Usage, 1992 and 1994, Florida**

Chemical	1992 (19,900 acres)					1994 (22,100 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	96	4.7	47	219	4,211	100	2.2	127	284	6,274
Phosphorous	84	1.6	68	106	1,769	88	1.6	85	139	2,707
Potash	96	4.7	64	299	5,735	100	2.2	177	393	8,675
Herbicides										
Monocarbamide dihy.	3/	3/	3/	3/	3/	1	2.3	19.31	43.62	11.8
Naprodamide	17	1.0	1.27	1.27	4.4	3/	3/	3/	3/	3/
Paraquat	55	1.9	0.45	0.84	9.2	35	1.2	0.34	0.41	3.2
Trifluralin	1	1.0	1.09	1.09	0.3	1	1.0	0.98	0.98	0.3
Insecticides										
Acephate	29	4.2	0.56	2.36	13.4	24	4.5	0.62	2.77	14.6
Bt(Bacillus thur.)	81	6.9	1/	1/	1/	77	12.1	1/	1/	1/
Dicofol	3/	3/	3/	3/	3/	39	1.4	0.29	0.42	3.6
Endosulfan	18	3.1	0.51	1.58	5.6	39	2.7	0.72	1.93	16.5
Methomyl	87	7.7	0.43	3.36	58.1	77	7.9	0.33	2.65	45.0
Oxamyl	34	2.6	0.55	1.42	9.5	41	2.8	0.64	1.78	16.1
Permethrin	65	7.0	0.13	0.88	11.5	32	3.3	0.14	0.45	3.2
Fungicides										
Copper Ammonium	8	11.8	0.25	2.96	4.9	16	9.7	0.27	2.58	8.9
Copper Hydroxide	82	9.9	0.88	8.69	141.1	85	10.4	0.84	8.77	164.8
Mancozeb	11	10.2	0.55	5.58	12.6	20	6.6	1.44	9.54	42.9
Maneb	76	12.7	1.23	15.70	236.1	73	12.1	1.01	12.17	196.7
Metalaxyl	23	3.2	0.46	1.49	6.7	32	2.2	0.25	0.54	3.8
Other										
Chloropicrin	23	1.0	58.99	58.99	267.4	27	1.0	91.23	91.23	535.1
Methy Bromide	83	1.1	162.67	171.50	2,832.9	83	1.0	188.58	188.58	3,477.4

**BELL PEPPERS: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (21,300 acres)					1998 (19,400 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	4/	4/	4/	4/	4/	100	5.8	46	272	5,277
Phosphorous	4/	4/	4/	4/	4/	70	7.0	19	134	1,802
Potash	4/	4/	4/	4/	4/	100	5.8	59	348	6,749
Herbicides										
Monocarbamide dihy.	5	1.5	79.80	123.63	131.7	3/	3/	3/	3/	3/
Paraquat	35	1.7	0.68	1.15	8.5	87	1.0	0.58	0.62	10.5
Trifluralin	3/	3/	3/	3/	3/	2	1.0	0.95	1.03	0.4
Insecticides										
Acephate	15	3.4	0.69	2.38	7.5	28	3.0	0.76	2.32	12.6
Bt(Bacillus thur.)	97	9.6	1/	1/	1/	95	9.5	1/	1/	1/
Dicofol	25	2.0	0.43	0.84	4.4	3/	3/	3/	3/	3/
Endosulfan	11	1.5	0.69	1.06	2.5	9	6.1	0.71	4.36	7.6
Imidacloprid	17	1.1	0.44	0.49	1.8	41	1.2	0.19	0.25	2.0
Methomyl	73	5.7	0.56	3.19	49.8	67	2.5	0.48	1.22	15.8
Oxamyl	19	2.4	0.64	1.53	6.1	28	4.0	0.52	2.12	11.5
Permethrin	22	5.5	0.12	0.66	3.1	8	2.2	0.14	0.32	0.5
Fungicides										
Copper Hydroxide	90	10.4	0.90	9.38	180.3	95	8.7	0.62	5.41	100.1
Mancozeb	3/	3/	3/	3/	3/	4	9.0	0.80	7.22	4.9
Maneb	94	10.5	1.18	12.35	247.3	92	9.6	1.10	10.63	189.7
Metalaxyl	23	1.2	0.80	0.96	4.7	61	1.0	0.23	0.23	2.7
Other										
Chloropicrin	29	1.0	65.77	65.77	399.4	35	1.0	74.66	74.66	512.3
Methy Bromide	91	1.0	174.95	174.95	3,395.5	94	1.0	178.92	178.92	3,270.0

\* Footnotes are explained on page 11.

**CUCUMBER, FRESH: Major Chemical Usage, 1992 and 1994, Florida**

Chemical	1992 (17,600 acres)					1994 (13,300 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	88	3.3	28	92	1,427	100	4.0	29	115	1,529
Phosphorous	53	2.2	41	92	855	57	1.6	84	137	1,035
Potash	88	3.3	31	104	1,601	97	4.0	30	119	1,533
Herbicides										
Paraquat	46	1.1	0.66	0.76	6.2	31	1.2	0.36	0.45	1.8
Insecticides										
Bt(Bacillus thur.)	44	6.1	1/	1/	1/	74	5.3	1/	1/	1/
Carbaryl	3	23	0.57	1.29	0.8	3/	3/	3/	3/	3/
Endosulfan	5	1.7	0.59	1.04	1.0	17	2.8	0.84	2.35	5.3
Esfenvalerate	3/	3/	3/	3/	3/	12	2.7	0.04	0.12	0.2
Methomyl	46	4.3	0.52	2.26	18.4	79	5.0	0.51	2.56	26.8
Oxamyl	43	2.6	0.48	1.24	9.5	27	3.7	0.47	1.74	6.2
Permethrin	7	2.6	0.12	0.31	0.4	3/	3/	3/	3/	3/
Fungicides										
Benomyl	12	3.6	0.49	1.76	3.7	3/	3/	3/	3/	3/
Chlorothalonil	57	4.6	1.37	6.36	64.1	67	6.1	1.45	8.88	78.7
Copper hydroxide	14	1.7	0.85	1.42	3.5	21	1.5	0.69	1.01	2.8
Mancozeb	26	5.4	0.91	4.88	22.0	56	4.6	1.78	8.16	61.1
Maneb	29	3.9	1.02	3.95	20.3	27	6.2	0.95	5.83	20.8
Metalaxyl	32	6.1	0.24	1.48	8.3	40	6.1	0.14	0.84	4.5
Other										
Methyl Bromide	13	1.0	179.73	179.73	418.2	10	1.0	187.92	187.92	258.7

**CUCUMBER, FRESH: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (10,000 acres)					1998 (9,400 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	4/	4/	4/	4/	4/	100	1.7	51	87	816
Phosphorous	4/	4/	4/	4/	4/	12	4.7	23	108	120
Potash	4/	4/	4/	4/	4/	100	1.7	61	104	979
Herbicides										
Paraquat	38	1.7	0.63	1.10	4.1	3/	3/	3/	3/	3/
Insecticides										
Bt(Bacillus thur.)	82	9.1	1/	1/	1/	15	5.3	1/	1/	1/
Endosulfan	26	2.3	0.74	1.68	4.4	15	1.9	0.74	1.47	2.1
Methomyl	64	6.3	0.65	4.11	26.5	9	3.2	0.72	2.37	2.0
Fungicides										
Chlorothalonil	58	12.7	1.13	14.35	82.7	83	3.5	1.16	4.09	31.9
Copper hydroxide	36	1.7	0.81	1.40	5.0	8	3.0	0.98	3.00	2.2
Mancozeb	43	2.8	1.37	3.89	16.6	13	3.7	1.52	5.72	6.8
Maneb	23	5.4	1.01	5.47	12.7	9	3.4	0.84	2.87	2.5
Metalaxyl	16	2.9	0.26	0.74	1.2	14	1.9	0.17	0.33	0.4

\*Footnotes are explained on page 11.

**CABBAGE, FRESH: Major Chemical Usage, 1992, and 1994, Florida**

Chemical	1992 (11,400 acres)					1994 (9,300 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	100	3.1	64	202	2,303	100	2.7	97	258	2,395
Phosphorous	98	2.6	35	93	1,039	100	1.9	51	94	874
Potash	100	2.7	74	199	2,268	100	2.2	126	272	2,527
Herbicides										
DCPA	30	1.0	2.57	2.57	8.8	10	1.0	5.11	5.11	4.9
Metolachlor	31	1.0	1.89	1.89	6.6	51	1.0	1.36	1.36	6.4
Insecticides										
Bt(Bacillus thur.)	82	7.4	1/	1/	1/	96	7.2	1/	1/	1/
Chlorpyrifos	29	1.9	0.96	1.81	6.0	42	2.8	1.03	2.93	11.5
Diazinon	33	1.4	0.89	1.23	4.6	16	1.2	0.90	1.07	1.6
Endosulfan	38	1.2	0.54	0.62	2.7	53	3.2	0.91	2.88	14.3
Methamidophos	57	2.3	0.60	1.39	9.0	40	2.4	0.71	1.70	6.4
Methomyl	88	6.7	0.46	3.08	30.9	76	4.0	0.58	2.34	16.5
Mevinphos	2	2.8	0.75	2.07	0.5	27	1.6	0.44	0.70	1.7
Permethrin	24	2.2	0.10	0.23	0.6	50	3.4	0.07	0.24	1.1
Fungicides										
Chlorothalonil	49	5.1	0.85	4.32	24.0	61	4.8	1.21	5.75	32.5
Copper										
Hydroxide	5	2.6	0.89	2.26	1.4	20	1.9	0.32	0.59	1.1
Mancozeb	32	3.1	1.03	3.20	11.6	27	4.9	2.21	10.81	27.5
Maneb	41	5.5	1.00	5.54	25.9	21	7.7	1.28	9.94	19.8
Metalaxyl	31	1.0	0.07	0.07	0.2	9	2.0	0.14	0.27	0.2

**CABBAGE, FRESH: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (9,300 acres)					1998 (7,600 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	4/	4/	4/	4/	4/	100	3.7	52	195	1,481
Phosphorous	4/	4/	4/	4/	4/	100	2.5	30	78	592
Potash	4/	4/	4/	4/	4/	100	2.8	73	205	1,561
Herbicides										
Glyphosate	10	2.0	1.49	2.98	2.7	3/	3/	3/	3/	3/
Metolachlor	20	1.2	1.58	1.84	3.3	3/	3/	3/	3/	3/
Trifluralin	23	1.0	0.53	0.53	1.1	37	1.0	0.53	0.53	1.5
Insecticides										
Bt(Bacillus thur.)	76	6.2	1/	1/	1/	92	4.9	1/	1/	1/
Endosulfan	26	2.3	0.74	1.69	4.1	3/	3/	3/	3/	3/
Fenamiphos	19	1.0	1.56	1.56	2.7	3/	3/	3/	3/	3/
Lambda-Cyhalothrin	3/	3/	3/	3/	3/	36	2.7	0.03	0.08	0.2
Methamidophos	30	2.7	0.55	1.51	4.3	3/	3/	3/	3/	3/
Methomyl	45	4.6	0.50	2.29	9.6	59	4.5	0.40	1.83	8.2
Fungicides										
Chlorothalonil	39	4.6	1.42	6.49	23.5	94	4.9	0.80	3.99	28.4
Copper Hydroxide	11	2.0	0.55	1.10	1.2	3/	3/	3/	3/	3/
Maneb	13	6.3	1.09	6.88	8.5	17	3.3	0.68	2.26	2.9

\*Footnotes are explained on page 11.



**STRAWBERRIES: Major Chemical Usage, 1992 and 1994, Florida**

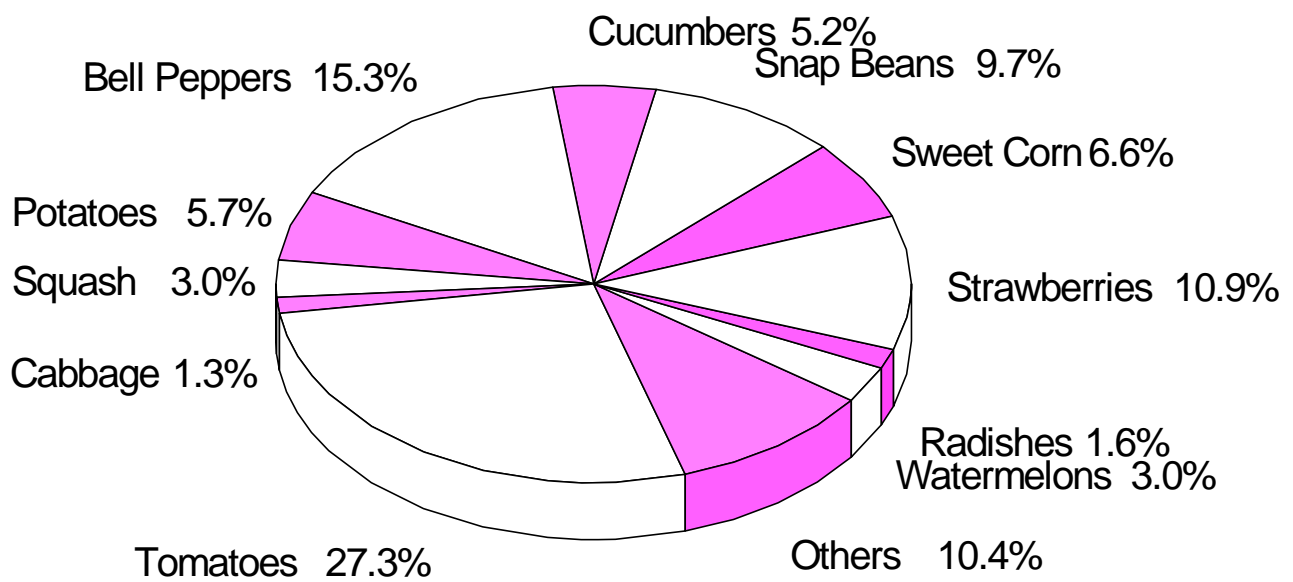
Chemical	1992 (4,700 acres)					1994 (5,800 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	100	85.9	2	135	634	100	73.0	2	117	676
Phosphorous	83	71.9	1	72	279	84	58.3	1	58	286
Potash	100	85.9	2	181	850	98	73.7	2	156	890
Herbicides										
Glyphosate	3/	3/	3/	3/	3/	3	1.0	0.31	0.31	0.1
Napropamide	3/	3/	3/	3/	3/	26	2.4	0.75	1.80	2.7
Paraquat	89	1.9	0.66	1.23	5.1	87	1.9	0.23	0.44	2.2
Insecticides										
Abamectin	3/	3/	3/	3/	3/	48	3.6	0.01	0.04	0.1
Bt(Bacillus thur.)	18	2.1	1/	1/	1/	41	9.7	1/	1/	1/
Carbaryl	17	2.4	2.08	4.95	4.0	22	2.2	0.84	1.85	2.4
Diazinon	23	5.2	0.60	3.10	3.3	24	3.8	0.51	1.97	2.8
Fenbutatin-oxide	74	3.5	0.68	2.40	8.3	54	3.7	0.81	3.02	9.4
Methomyl	85	8.8	0.50	4.43	17.7	82	11.5	0.57	6.58	31.4
Mevinphos	36	6.5	0.50	3.26	5.5	16	4.7	0.44	2.09	1.9
Naled	3/	3/	3/	3/	3/	7	3.6	0.88	3.21	1.2
Fungicides										
Benomyl	42	8.8	0.50	4.38	8.6	24	4.3	0.42	1.81	2.5
Captan	98	20.1	1.97	39.55	183.1	99	20.6	1.88	38.80	222.1
Iprodione	42	2.3	0.69	1.57	3.1	38	2.1	0.54	1.12	2.5
Sulfur	54	2.3	3.19	39.21	98.7	84	7.7	2.73	20.91	101.8
Thiophanate-methyl	17	5.8	0.78	4.56	3.7	47	3.2	0.71	2.27	6.2
Thiram	32	5.6	0.77	4.32	6.5	40	7.9	1.11	8.78	20.3
Vinclozolin	44	2.1	0.59	1.26	2.6	2/	2/	2/	2/	2/
Other										
Methyl Bromide	91	1.0	196.49	196.49	845.0	97	1.0	196.15	196.15	1,107.4

**STRAWBERRIES: Major Chemical Usage, 1996 and 1998, Florida**

Chemical	1996 (6,000 acres)					1998 (6,200 acres)				
	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied	Area applied	Appli-cations	Rate per appli-cation	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.	Percent	Number	Pounds per acre		1,000 lbs.
Fertilizer										
Nitrogen	4/	4/	4/	4/	4/	100	53.5	2	95	590
Phosphorous	4/	4/	4/	4/	4/	94	49.3	1	61	356
Potash	4/	4/	4/	4/	4/	100	53.5	2	107	661
Herbicides										
Glyphosate	39	1.7	1.17	1.96	4.6	37	1.4	1.30	1.87	4.3
Napropamide	12	1.6	1.13	1.79	1.3	3/	3/	3/	3/	3/
Paraquat	82	1.9	0.65	1.21	6.0	80	1.9	0.72	1.37	6.8
Insecticides										
Abamectin	68	3.1	0.01	0.04	0.2	53	1.6	0.01	0.02	0.1
Bifenthrin	2/	2/	2/	2/	2/	42	1.2	0.12	0.14	0.4
Bt(Bacillus thur.)	57	5.2	1/	1/	1/	46	10.0	1/	1/	1/
Diazinon	24	3.4	0.64	2.15	3.1	14	2.3	0.67	1.58	1.4
Fenbutatin-oxide	36	4.8	0.69	3.29	7.1	41	1.8	0.69	1.25	3.2
Methomyl	65	5.2	0.61	3.14	12.3	89	5.1	0.53	2.72	15.1
Naled	15	3.1	0.90	2.83	2.5	17	4.1	0.81	3.32	3.5
Fungicides										
Benomyl	41	4.7	0.58	2.68	6.6	42	7.4	0.43	3.22	8.4
Captan	99	17.0	1.79	30.34	180.8	96	14.4	1.81	26.15	154.9
Iprodione	33	3.0	0.65	1.93	3.8	64	2.9	0.65	1.93	7.7
Myclobutanil	2/	2/	2/	2/	2/	28	2.0	0.07	0.14	0.2
Sulfur	58	8.4	3.53	29.64	103.8	58	2.8	3.92	10.99	39.8
Thiophanate-methyl	32	6.4	0.64	4.07	7.7	46	2.4	0.68	1.66	4.7
Thiram	51	6.8	0.92	6.23	19.2	60	4.0	1.28	5.24	19.4
Other										
Methyl Bromide	99	1.0	207.38	207.38	1,231.3	99	1.0	196.12	196.12	1,198.5

\* Footnotes are explained on page 11.

**Major Florida Vegetables Shares  
of Total Production Value,  
1999-00 Season**



# Agricultural Statistics & Other Information

## INTERNET

NASS national & State reports and data are available on the world wide web, the Internet.



### National Homepage:

[www.usda.gov/nass/](http://www.usda.gov/nass/)

The national homepage has links to all agency products and services such as publications, graphics, historic data, State information, statistical research, Census of Agriculture, a search engine and a Published Estimates Data Base to query and download State or county historic data. There are also links to our Customer Service unit, a Kids Page, and all other federal statistics outside the National Agricultural Statistics Service.

For a monthly summary of USDA estimates, forecasts and projections of commodities, prices, trade issues, and world crop developments, see:

[www.usda.gov/nass/pubs/nassfact.htm](http://www.usda.gov/nass/pubs/nassfact.htm)



### Florida Homepage:

[www.nass.usda.gov/fl/](http://www.nass.usda.gov/fl/)

The Florida web site offers much of the same information as the national homepage but in a format designed for Florida customers. The reports contain the same statistics but offer more details about agriculture in Florida. Links are also available to other sites such as the Florida Department of Agriculture, University of Florida and other NASS field offices.



## E-MAIL SUBSCRIPTIONS

Free e-mail subscriptions are available via automated mailing lists for National and State reports. You can subscribe to individual reports and they will be sent directly to your e-mail address soon after the official release time.

### National Reports via E-mail:

National reports contain statistics from all states and are the most timely source of data. For more information, see

[www.usda.gov/nass/pubs/pubs.htm](http://www.usda.gov/nass/pubs/pubs.htm)

or send e-mail to:

[usda-reports@usda.mannlib.cornell.edu](mailto:usda-reports@usda.mannlib.cornell.edu)

and in the body of the message type the word: **list**.

### State Reports via E-mail:

State reports are distributed after national reports but they usually contain more local information. To learn more about this service, see [www.usda.gov/nass/ssr-rpts.htm](http://www.usda.gov/nass/ssr-rpts.htm) or send e-mail to:

[listserv@newsbox.usda.gov](mailto:listserv@newsbox.usda.gov)

and in the message text (not the subject), type two lines with one word on each line:

**lists**  
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To subscribe to the Florida Weather & Crop News the message text (not the subject) would be:

**subscribe usda-fl-crop-weather**

## PRINTED REPORTS & COMPUTER FORMAT

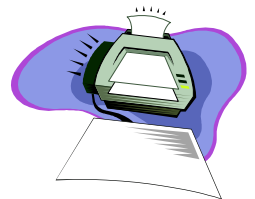
All NASS reports are still printed on paper. Census reports are only available while supplies last; contact the Florida office for a copy. NASS also offers a wide variety of data on diskettes or CD-ROM with national, State, and county statistics. Most of these products are in Lotus 1-2-3 spreadsheet format or comma separated (CSV) files. A listing of all paper reports and computer products can be found in the Products & Services catalog issued every December.

To order a free Products & Services catalog or purchase paper reports, diskettes or CD-ROMs, call the order disk at:

**1-800-999-6779**

## AUTO-FAX

Selected NASS reports and information items are available from a free fax service called NASS-Fax. To receive the items, use a touch tone telephone connected to your FAX machine to call 202-720-2000. Voice prompts will guide you to selected items of interest. The first time you access the system, request Document number 0411 which will provide a listing of the information that is available in reports.



**FLORIDA AGRICULTURAL STATISTICS SERVICE**

1222 Woodward Street, Orlando, Florida 32803-4194

<http://www.nass.usda.gov/fl>

407 / 648-6013

U.S. Department of Agriculture  
National Agricultural Statistics ServiceFlorida Department of Agriculture and Consumer Services  
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Institute of Food and Agricultural Sciences

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010	Field Crops (11 issues)	\$10.00	\$15.00	Monthly in-season field crops, sugarcane and potatoes; <u>Annual Field Crop Summary*</u>
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<sup>1/</sup> Includes Canada and Mexico <sup>2/</sup> Via air mail \*Includes available county or area information

The above releases are available on the Internet at <http://www.nass.usda.gov/fl>

NAME:	
FIRM:	
RFD NO. OR STREET:	
CITY AND STATE:	
ZIP CODE:	PHONE:

BUREAU OF STATE FARMERS' MARKETS

Don Coker, Chief  
541 East Tennessee Street  
Tallahassee, Florida 32308  
850/487-4322  
FAX: 850/488-9006

**BONIFAY**

Jim Warner, Regional Supervisor  
Connie Johnson, Clerk Specialist  
P.O. Box 716, Hwy 90  
Bonifay, FL 32425  
850/547-2540 FAX: 547-3181

**FLORIDA CITY**

Paul Cardwell, Sr. Market Manager  
Patricia Bouchard, Senior Clerk  
300 N. Krome Avenue  
Florida City, FL 33034  
305/246-6334 FAX: 246-7012

**FORT MYERS**

Clad Brockett, Sr. Market Manager  
Linda Rockhey, Secretary Specialist  
2744 Edison Ave.  
Ft. Myers, FL 33916  
941/332-6910 FAX: 332-6995

**FORT PIERCE**

Pete Serra, Sr. Market Manager  
Rory Cromer, Senior Clerk  
3479 South Federal Hwy.  
Ft. Pierce, FL 34982  
561/468-3917 FAX: 468-4002

**GADSDEN**

Jim Warner, Regional Supervisor  
Jan Nabb, Secretary Specialist  
18212 Blue Star Hwy  
Quincy, FL 32351  
850/627-6484 FAX: 875-2662

**IMMOKALEE**

Jerry Hubbart, Sr. Market Manager  
Louise King, Senior Clerk  
424 New Market Road  
Immokalee, FL 34142  
941/658-3505 FAX: 658-3508

**PALATKA**

Terry Driggers, Sr. Market Manager  
Thelma Hutcherson, Secretary  
225 Highway 17 South  
East Palatka, FL 32131  
386/329-3713 FAX: 329-3771

**PLANT CITY**

Melt Godwin, Regional Agricultural Mkt. Spvsor  
Cindy Suszko, Marketing Specialist  
1305 W. MLK Jr. Blvd. Unit #5  
Plant City, FL 33566-5025  
813/757-9027 FAX: 757-9030

**POMPANO**

Alfonso Castro, Sr. Market Manager  
Dale Fargo, Secretary Clerk  
1255 W. Atlantic Blvd.  
Pompano Beach, FL 33069  
954/786-4828 FAX: 786-4830

**SANFORD**

Peter Hirst, Sr. Market Manager  
Doris Denis, Secretary Specialist  
1300 - 1A S. French Avenue  
Sanford, FL 32771  
407/330-6783 FAX: 330-6786

**STARKE**

Terry Driggers, Market Manager  
Thelma Hutcherson, Secretary  
2222 North Temple Hwy  
Starke, FL 32091  
904/329-3713

**SUWANNEE VALLEY-WHITE SPRINGS**

Terry Driggers, Manager  
Edye Buchanan, Senior Clerk  
Contact: Jay Thomas  
Box 2758, CR 136  
White Springs, FL 32096  
904/963-5903 FAX: 963-3391

**TRENTON**

Terry Driggers, Manager  
Edye Buchanan, Senior Clerk  
Contact: Jay Thomas  
Box 2758, CR 136  
White Springs, FL 32096  
904/963-5903

**WAUCHULA**

Diana Durrance, Sr. Market Manager  
Yamila Escalett, Secretary Specialist  
661 South 6th Ave.  
Wauchula, FL 33873  
863/773-9850 FAX: 773-3802